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Volume 1

GEOGRAPHIC AREA SERIES

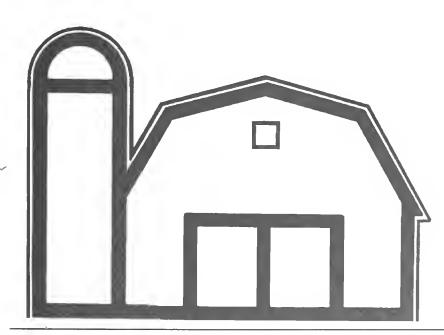
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State and County Data

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ACKNOWLEDGMENTS

This report was prepared in the Agriculture Division. Many other divisions contributed to this preparation: Data Preparation performed the clerical processing; Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Computer Services provided the computer processing facilities; Field provided selected data collection activities; Economic Programming prepared the computer programs; and Economic Surveys assisted in preparation of data collection and processing procedures and computer programs.

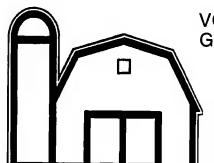
Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If you have any questions concerning the statistics in this report, call:
(301) 763-8555 Division Chief
(301) 763-8567 Crops Branch
(301) 763-8569 Livestock Branch
(301) 763-8566 Farm Economics Branch
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VOLUME 1
GEOGRAPHIC AREA SERIES

1987 Census of Agriculture

AC87-A-15 Changed October 1990

CHANGE SHEET lowa

Following are changes to county table 8 for the 1987 Census of Agriculture volume 1 publications.

Table 8. Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All farms	lowa	Adalr	Adams	Allamakee	Appanoose	Audubon	Bente
1967 INVENTORY							
Manufactured 1983 to 1987: Wheel tractors:						}	
Less than 40 horsepower (PTO) farms.	2 808	22	1	11	-	31	0
number	3 191	22	(D)	12	_	32	3
40 horsepower (PTO) or more farms	10 572	72	21	105	57	124	-4
number	14 122	101	(D)	185	58	175	;3
Grain and bean combines farms	6 701	94	82	39	52	72	JE JE
number	6 846	94	84	39	52	72)5
Cottonpickers and strippers farms	-	_	_	_		-	-
number	-	_	-	-	-	-	-
Mower conditioners farms	4 307	66	15	161	64	39	31
number	4 401	66	15	161	64	39	31
Pickup balers farms	3 461	72	10	127	28	13	44
number	3 619	72	10	130	28	13	44
Manufactured prior to 1983:							
Motortrucks, Including pickups farms	78 703	697	553	808	671	518	153
number	115 102	950	856	1 039	922	811	619
Wheel tractors farms	94 838	898	617	1 020	767	724	353
number	285 079	2 486	1 553	3 322	1 693	2 234	. 034

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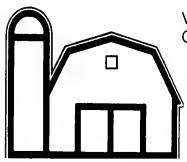
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VOLUME 1 GEOGRAPHIC AREA SERIES

1987 Census of Agriculture

AC87-A-15 Changed November 1989

CHANGE SHEET lowa

Following are changes to the 1987 Census of Agriculture volume 1 publications:

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

				Farms operated by	Black and other races	
Characteristics	Female operators	Operators of Spanish origin	Black	American Indian	Asian	Other (see text)
1987 OPERATOR CHARACTERISTICS						
Operators by days of work off farm: Any	1 430 270	41	22	23 4	7	9

¹See chapter 1, table 16, for operators not of or not reporting Spanish origin.

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Table 48. Summary by Tenure of Operator: 1987

[For meaning of abbreviations and symbols, see introductory text]

No-		All tar	ms			arms with sales of	of \$10,000 or more	
Item	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
CROPS HARVESTED								
Vegetables harvested for sale (see text) farms acres Irrigated farms acres Farms by acres harvested	596 8 863 100 1 633	299 2 100 52 355	212 5 606 40 1 173	85 1 156 8 105	359 8 153 70 1 550	133 1 632 27 (D)	169 5 498 36 1 164	57 1 023 7 (D)
0 1 to 4 9 acres 5 0 to to 24 9 acres 25 0 to 99 9 acres 100 0 to 249 9 acres 250 0 acres or more	362 157 64 11 2	200 81 16 2	116 47 41 6 2	46 29 7 3	173 109 64 11 2	67 48 16 2 -	79 41 41 6 2	27 20 7 3
Land in orchards farms acres farms acres.	508 2 740 24 131	383 1 811 18 101	97 755 4 (D)	28 175 2 (D)	210 1 732 8 81	115 893 5 54	73 688 1 (D)	22 151 2 (D)
Farms by bearing and nonbearing acres 0 1 to 4 9 acres 5 0 to to 24 9 acres 25 0 to 99 9 acres 100 0 to 249 9 acres 250 0 acres or more	382 104 21 1	284 87 12	78 11 7 1	20 6 2	148 41 20 1	73 31 11 -	59 6 7 1	16 4 2

Table 49. Summary by Type of Organization: 1987

[For meaning of abbreviations and symbols, see introductory text]

		ŀ			(Corporation			
Item					Family	held	Other than	family held	Other- cooperative,
ne	Total	Individual or family	Partnership	Total	Total	10 or less stock- holders	Total	10 or less stock- holders	estate or trust, institutional, etc.
CROPS HARVESTED									
Vegetables harvested for sale (see text) farms acres	596 8 863	511 5 521	54 1 045	26 818	25 (D)	25 (D)	1 (D)	1 (D)	5 1 478
Irrigated farms acres Farms by acres harvested	1 633	86 1 315	6 (D)	151	151	151	- 1	-	(D)
0 1 to 4 9 acres	362	325	23	13	13	13	-	-	1
5 0 to 10 24 9 acres 25 0 to 99 9 acres	157 64	129 50	22	3	2	2	1	1	3
100 0 to 249 9 acres	11	6	ź	άĺ	á	á l	-	-	_
250 0 acres or more	2	1	-	-	-	-	-	-	1
Land in orchards farms acres	508 2 704	455 2 136	35 232	15 365	13 (D)	13 (D)	2 (D)	2 (D)	3 8
Irrigated farms	24 131	23 (D)	-	(D)	(D)	1 (D)	-	-	-
Farms by bearing and nonbearing acres		·/		(-/	(-/	(-/			
0 1 to 4 9 acres	382	347	25	7	7	7	- 2	2	3
5 0 to to 24 9 acres	104	90	1	2	3	3	2	2]
100 0 to 249 9 acres	i	-	- 1	1	1	1		_	_
250 0 acres or more	-	-	-	-	-	-	-	-	-

Table 50. Summary by Age and Principal Occupation of Operator: 1987

					Farming			
Item	Total farming				Age of opera	ator (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED								
Vegetables harvested for sale (see text) farms	596 8 863	357 6 301	8 71	49 830	87 1 891	67 1 590	83 1 437	63 483
acres trngated	100 1 633	63 1 503	-	6	15	18 673	13	11 221
Farms by acres harvested								
0 1 to 4 9 acres	362 157	191	6	28	45 24	31	45	36 23
5 0 to to 24 9 acres	64	96 58	- 1	12 A	15	16	14	4
100 0 to 249 9 acres	11	11		ĭ	2	5	3	
250 0 acres or more	2	1	-	-	1		- [~
Land in orchards farms	508	249	1	36	34	49	62	67
acres	2 740	1 867	(D)	(D)	231	491	577	377
Irngated larms	24	14	-	2	2	3	3	4
acres	131	86	-	(D)	(D)	41	25	9
Farms by bearing and nonbearing acres	382	470		20	24	34	41	45
0 1 to 4 9 acres 5 0 to to 24 9 acres	104	173 58		28	24	12	16	16
25 0 to 99 9 acres	21	3 17		í l	3	2	5	6
100 0 to 249 9 acres	- 1	'i	_		-	1	~	_
250 0 acres or more	_		_	-	_	_]	-	-

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

			Ot	ther occupations			
Item				Age of opera	tor (years)		
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and ove
CROPS HARVESTED							
Vegetables harvested for sale (see text) larms acres	239 2 561	2 (D)	34 (O)	59 277	64 1 750	49 148	3 98
Irrigatedtarms	37 130		3 16	11 42	11 24	5 19	2:
Farms by acres harvested							
0 1 to 4 9 acres	171	1	24	43	43	38	2:
5 0 to to 24 9 acres	61	1	7	15	18	11	!
25 0 to 99 9 acres	6	- (3	1	2	-	
100 0 to 249 9 acres	-	-	-	-	-1	-	
250 0 acres or more	1	-	-	-	1	-	
Land in orchards farms	259	1	26	55	90	59	21
acres	874	(D)	(D)	141	367	235	7
Irrigated farms	10	` _	1 4	2	4	3	
acres	45	- 1	-	(D)	18	18	(0
Farms by bearing and nonbearing acres	1					1	,-
0.1 to 4.9 acres	209	1	23	48	67	48	2
5 0 to to 24 9 acres	46	-	3	7	21	9	_
25.0 to 99.9 acres	4	-	-	-	2	2	
100 0 to 249 9 acres	-	-	-	-	-		
250 0 acres or more	-	_	-	-	_	-	

Table 51. Summary by Size of Farm: 1987

Item	Total	1 to acre		10 to 49 acres		50 to 69 acres		70 to 99 acres	100 to 139 acres
CROPS HARVESTED									
Vegetables harvested for sale (see text) farms	596 8 863	8		166 981		29 279		48 589	37 363
acres Irrigated larms acres	100 1 633	1 1 1	1	36 205		2/9 7 72		6 106	13 182
Farms by acres harvested 0.1 to 4.9 acres	362	8		99		19		27	
5 0 to to 24 9 acres	157 64		8	61 6		7 3		14	21 12 3
100 0 to 249 9 acres 250 0 acres or more	11 2		-	-		-		-	1 -
Land in orchards farmsacres	508 2 740	5 10		201 891		32 285		44 415	43 152
Irrigatedtarms acres	24 131		5 7	13 88		2 (D)		1 (D)	2 (D)
Farms by bearing and nonbearing acres 0.1 to 4.9 acres	382	5	4	141		20		30	37
5 0 to to 24 9 acres. 25 0 to 99 9 acres 100 0 to 249 9 acres 250 0 acres or more	104 21 1		3 - - -	56 4 -		8 4 -		9 5 -	5 1 -
		100 1 000	222 . 252						
Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	26	o to 499 acres	500 to	acres	1,000 to 1,99 acre	
CROPS HARVESTED									
Vegetables harvested for sale (see text) farms acres	33 323	18 333	25 474		76 1 984	1	57 507	1: (C	
Irrigatedtarmsacres	3 134	(D)	4 130		6 255		11 313	(0	<u> </u>
Farms by acres harvested 0 1 to 4 9 acres	21	11	12		37		24	1	1
5 0 to to 24 9 acres	5	1	5		21 14		13 16		1
250 0 acres or more	-	- }			1		-		-
Land in orchardsfarmsacres	23 94	20 216	14 54		46 163		22 98	(0	
Irngatedfarms acres	-	-	-		1 (D)		-	(0	-
Farms by bearing and nonbearing acres 0.1 to 4.9 acres	18	13	10		38		18		3
5 0 to to 24 9 acres	4	3 4	4		7		3		2
100 0 to 249 9 acres 250 0 acres or more	-	-	_		-		-		

Table 52. Summary by Value of Agricultural Products Sold: 1987

For meaning of abbreviations and symbols, see introductory textl.

		\$500,000 o	more						
Item	All farms	\$1,000,000 or more	Total		50,000 to \$499,999	\$100,0 \$24	00 to 9,999	\$50,000 t \$99,99	
CROPS HARVESTED									
Vegetables harvested for sale (see text) tarms	596 8 863	(D)	7 1 763		23 1 008	2	86	7	
Irrigated	100 1 633	-	1 (D)		5 207		12 446	19	6
Farms by acres harvested			\- /						
0 1 to 4 9 acres	362	-	!		8		43	4	
5 0 to to 24 9 acres.	157	7	1		5		17	1	
25 0 to 99 9 acres	64	!	3				23	1	
100 0 to 249 9 acres	11	1	!		5		2		3
250 0 acres or more	2	-	1		-		1		-)
Land in orchards farms	508	2	3		12		36	4	
acres	2 740	(D)	243		35		523	23	
Irrigated farms.	24	-	-		- }		-		3
acres	131	-	-	1	-		-	2	5 (1
Farms by bearing and nonbearing acres				1					
0 1 to 4 9 acres	382	- [1		10		26	3	
5 0 to to 24 9 acres	104	1 (1	1	2		1		4
25 0 to 99 9 acres	21	-	-		- 1		9		3
100 0 to 249 9 acres	1	1	1		-		- [- 1
250 0 acres or more	-	-	-		-		-		-
14	\$25,000 to	\$20,000	10	\$10,000 to		5 5,000 to		\$2,500 to	Less tha
Item	\$39,999	\$24.		\$19,999		\$9,999		\$4,999	\$2,50
CROPS HARVESTED									
Vegetables harvested for sale (see text) farms	43		21	83		75		88	7
acres	475		199	683		344		247	12
Irrigatedfarms	6		2	23		12		16	
acres	124		(D)	139		41		(D)	d
Farms by acres harvested			·- /					,-,	
0 1 to 4 9 acres	18		7	43		46		74	6
5 0 to to 24 9 acres	20		12	33		29		14	
25 0 to 99 9 acres	5		2	7		-		-	
100 0 to 249 9 acres	<u> </u>		_	_		-		-	
250 0 acres or more	-		-	-		-		-	
Land in orchards	37		22	44		72		64	16
acres	176		201	223		323		240	44
Irrigated farms	1 1		1	223		7		2 40	4.
acres.	(D)		(D)	(D)		27		(D)	(1
	(0)		(0)	(0)		21		(0)	,
Farms by bearing and nonbearing acres	23		13	31		50		44	14
5 0 to to 24 9 acres	13		6	11		21		20	14
	13		3	2		1		20	4
25 0 to 99 9 acres	1		3	2		1		-	
100 0 to 249 9 acres	-		-	_		-		-	

Table 53. Summary by Standard Industrial Classification of Farm: 1987

				Field crops, excep	t cash grains (01)	3)		
ltem	Tota!	Cash grains (011)	Ťotal	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets, Irish potatoes, field crops, except cas grains, n e s (0133 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
CROPS HARVESTED								
Vegetables harvested for sale (see text) farms.	596 8 863 100 1 633 362 157 64 111	144 1 405 9 122 98 29 16 1	9 236 3 50 6 - 2 1	-	-	9 236 3 50 6 - 2	213 5 403 49 964 99 74 33 5	37 161 9 (D) 24 13 -
Land in orchards farms.	508 2 740 24 131 382 104 21	84 259 1 (D) 73 9 2	26 50 	-	- - - - -	26 50 - - 22 4 -	15 58 1 (D)	157 1 573 17 119 80 60 17

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

[For meaning of abbreviations and symbols, see introductory text]

Item			and animal	pt dairy, poultry, specialties 21)				General farms,
пен	Horticultural specialties (018)	General farms, primarily crop (019)	Total	Beef cattle, except leedlots (0212)	Dairy tarms (024)	Poultry and eggs (025)	Animal specialties (027)	livestock and animal specialties (029)
CROPS HARVESTED								
Vegetables harvested for sale (see text) rarms acres	20 145	32 679	120 766	17 54	7 29	7 21	4 4	3 14
Irngated farmsacres	3 48	14 354	11 51	(D)	-	(D)	1 (D)	_
Farms by acres harvested 0 1 to 4 9 acres	12	15	92	40	-	\-,'-,	(-7	
5 0 to to 24 9 acres	7	9	20	13	5	5 2	4	2
25 0 to 99 9 acres	1	6	6	-	-	-	-	<u>-</u>
100 0 to 249 9 acres 250 0 acres or more	-	-	2	-	-	-	-	-
Land in orchards farms	15	22	147	48	10	6	16	10
acres	66	52	579	95	19	10	38	37
Imgated farms	(D)	(D)	(D)	-	-	-	-	~
Farms by bearing and nonbearing acres	(5)	(1)	(5)		- [-	-	-
0 1 to 4 9 acres	13	19	129	41	9	6	14	7
5 0 to 10 24.9 acres	!	3	16	7	1	-	2	3
25 0 to 99 9 acres	1	-	1 1	-	-	-	~	-
250 0 acres or more		-		-	-		-	-

Following are changes to appendix C:

Table G. State Coverage Evaluation Estimates of Farms Not on the Mail List: 1987

[During additional processing for coverage evaluation estimates, minor errors in estimates and relative standard errors were discovered for selected data items in some States. Corrected estimates will be published in Volume 2, Subject Senes, Part 2, Coverage Evaluation]

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Volume 1
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Part 15
OWA
State and County Data

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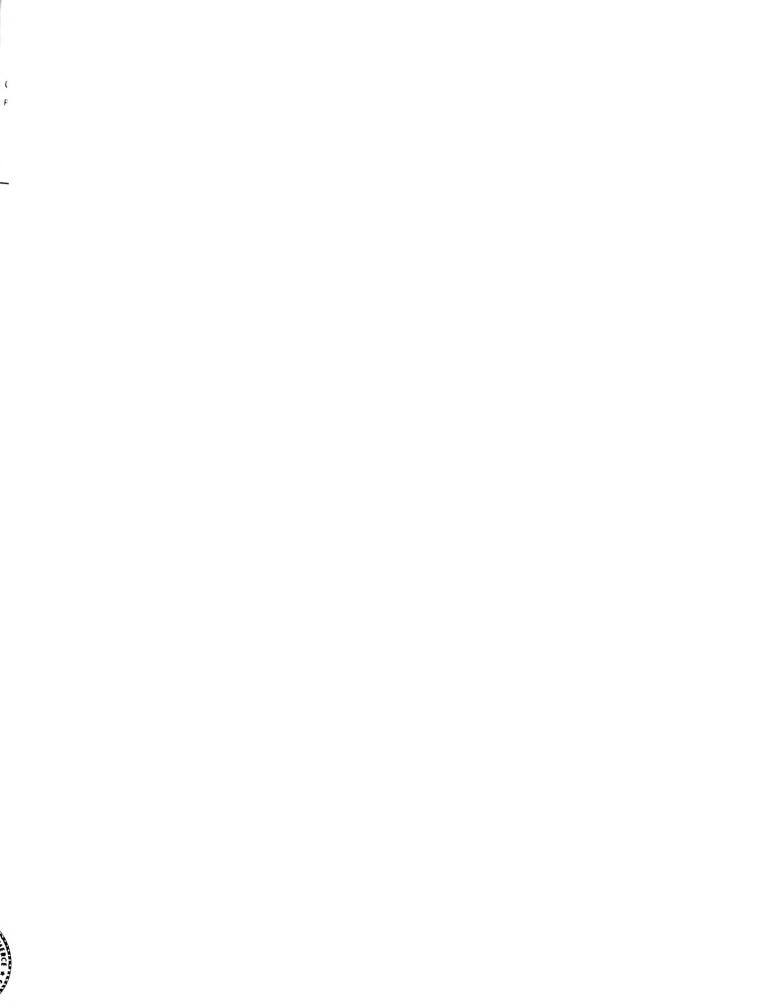
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^{*}Not published for this State.



INTRODUCTION

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HISTORY

The 1987 Census of Agriculture is the 23d taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every fifth year after 1983 covering the prior year. The 1987 census includes each State, Puerto Rico, Guam, and the Virgin Island of the United States. A census of agriculture will be conducted in American Samoa and the Commonwealth of the Northern Mariana Islands in conjunction with the 1990 Census of Population and Housing.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of the farm definition.

COMPARABILITY OF DATA

Data on acreages and inventories for 1987 and 1982 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

The 1978 U.S., region, and State data shown in the 1978 Census of Agriculture publications included data for farms on the mail list plus estimates from an area sample for farms not on the mail list. For comparability, the 1978 data in the 1987 publications include only farms on the mail list.

TABULAR PRESENTATION

State data—Tables 1 through 47 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 48 through 53 provide 1987 State data cross-tabulated by various farm classifications.

County data—Chapter 2 presents selected data items by county. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 17 through 36 include only counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

ADVANCE REPORTS

Advance reports of 1987 census data have been published separately for each county with 10 farms or more, each State, and the United States. This series provided, at the earliest possible date, final data on major data items together with comparable final data from the 1982 census. Data items are standard across States except information on selected crops harvested, which vary by State according to their relative importance in the State.

ELECTRONIC DATA DISSEMINATION

The volume 1 data are available on computer tapes and compact disc. The advance report data are available on computer tapes, computer diskettes, and through electronic data services such as the AGRIDATA network, the CENDATA package on Dialog, CompuServe on-line services, and the Census Bureau's State Data Center Bulletin Board. Computer tapes, diskettes, and compact discs are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone (301) 763-4100).

SPECIAL TABULATIONS

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of

farms in a given size category or other classification, such as size of farm, is not considered a release of confidential information and is provided even though other information is withheld.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (IC) Independent city.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate (associated relative standard error) or a consistency review.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq ft Square feet.

Highlights of the State's Agriculture: 1987 and 1982

[Doller figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text.]

ltem		All farms	
I.G.II	1987	1982	Percent change from 1982 to 1987
Farmsnumber	105 180	115 413	-8.9
Land in farms	31 638 130	32 611 964	-3.0
	301	283	6 4
Value of land and buildings1: Average per farm	283 597	471 011	-39.6
	947	1 684	-43.6
Farms by size: 1 to 9 scres 10 to 49 acres 50 to 179 acres 180 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	7 974 10 981 27 556 39 071 15 874 3 401 323	7 910 12 322 30 959 46 259 14 858 2 796 309	. (-10.9 -11.0 -15.9 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -15.1 -16.1 -1
Harvested cropland tarms acres. Imigated land tarms acres.	92 878 20 484 178 851 92 247	103 644 24 137 670 616 91 427	-10. -15.1 38.
Market value of agricultural products sold \$1,000 Average per farm	8 926 799 84 872 3 660 117 3 563 323 - -	9 828 932 85 163 4 143 086 4 042 552	-9. : -11. -11.9
Hay, silage, and field seeds \$1,000. Vegetables, sweet corn, and melons \$1,000. Fruits, nuts, and berries \$1,000. Nursery and greenhouse crops. \$1,000. Other crops \$1,000.	46 480	57 638	-19.
	7 541	4 267	76.
	2 853	2 267	25.
	38 241	34 954	9.
	1 678	1 408	19.
Livestack, poultry, and their products \$1,000 Poultry and poultry products \$1,000 Dairy products \$1,000 Cattle and calves \$1,000 Hogs and pigs \$1,000 Sheep, lambs, and wool \$1,000 Other livestock and livestock products (see fext) \$1,000	5 266 682	5 685 846	-7.
	192 229	164 052	17.
	392 284	426 730	-8.
	2 124 641	2 500 175	-15.
	2 494 231	2 550 488	-2.
	496 157	26 703	72.
	17 139	17 698	-3.
Farms by type of organization: Individual or family (sole proprietorship) Partnership Corporation Other—cooperative, estate or trust, institutional, atc.	89 188	97 610	-8.1
	11 088	13 213	-16.
	4 404	4 110	7.:
	500	480	4.:
Operators by principal occupation: Farming Other	75 279	86 041	-12.:
	29 901	29 372	1.:
Operators by days worked off farm: Any	46 229	48 480	-4,1
200 days or more	25 928	25 240	2.
Average age of operatoryears	49.3	47.6	3.0
Total farm production expenses ¹	6 647 645	(NA)	(NA
Selected farm production expenses¹: \$1,000. Livestock and poultry purchased \$1,000. Feed for livestock and poultry \$1,000. Commercial fartilizer² \$1,000. Agricultural chemicals² \$1,000. Petroleum products \$1,000. Hired farm labor \$1,000. Interest expense³ \$1,000.	1 358 161	1 536 601	-11.1
	1 101 866	1 214 715	-9.2
	467 355	562 767	-17.4
	309 894	331 924	-6.1
	315 061	536 937	-41.1
	282 515	222 146	-27.3
	579 338	1 015 561	-43.0
Livestock and poultry inventory: Cattle and calves	49 469	62 412	-20. ⁻ -26. ⁻
number	4 303 682	5 822 488	-26.
Milk cowslarms	7 748	10 485	-26.
number	294 888	339 664	-13.
Hogs and pigs	36 670 12 983 074	45 768 14 332 644	-19.9 -19.9 -9.
Chickens 3 months old or older	4 897	7 637	-35.9
	9 580 666	9 584 663	(Z
Selected crops harvested: Com for grain or seed	83 301	92 462	-9.9
	10 147 051	12 880 050	-21.;
Corn for silage or green chop	7 934	17 412	-54.4
	205 176	536 645	-61.8
Wheat for graintarms	1 345	2 731	-50.0
	31 047	98 688	-68.0
Oats for grain farms	25 398	35 752	-29.0
	544 907	811 716	-32.9
acres			
Soybeans for beans	68 278	73 175	-6.
	7 903 395	8 044 305	-1.

¹Data are based on a sample of farms. ²Data for 1987 include cost of custom applications. ³Data for 1982 do not include imputation for item nonresponse.

Figure 1. State Map

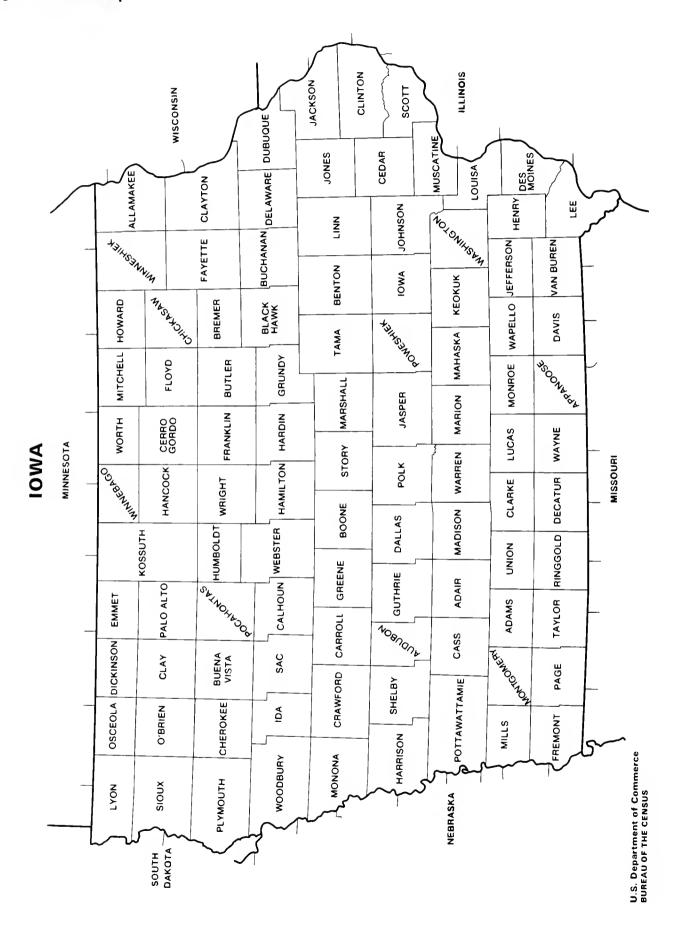


Figure 2. Profile of State's Agriculture: 1987

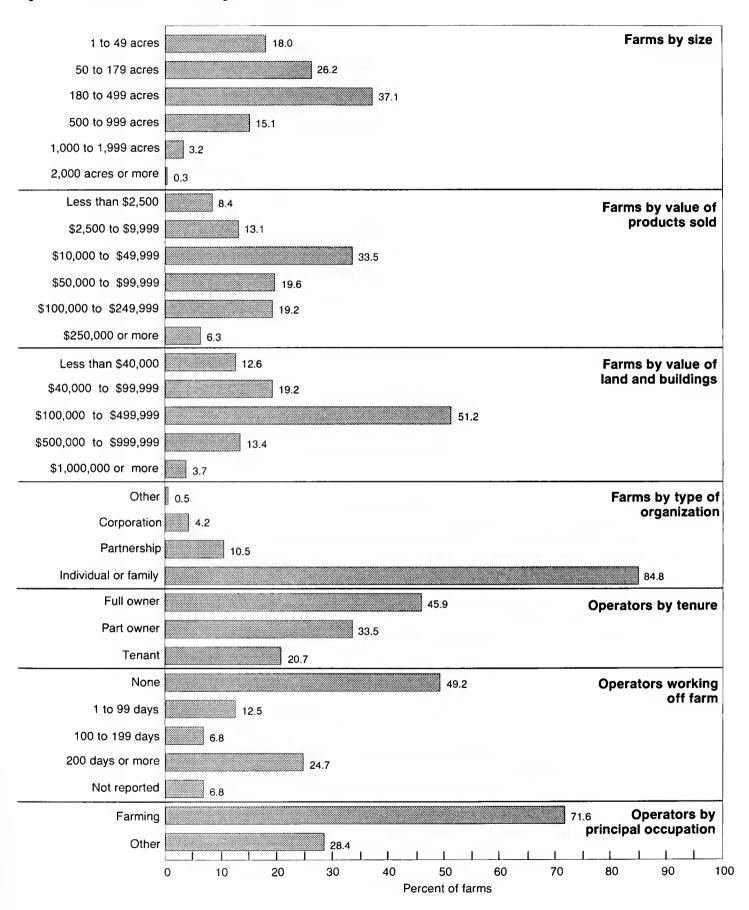


Figure 3. Percent of Farms and of Value of Products Sold: 1987

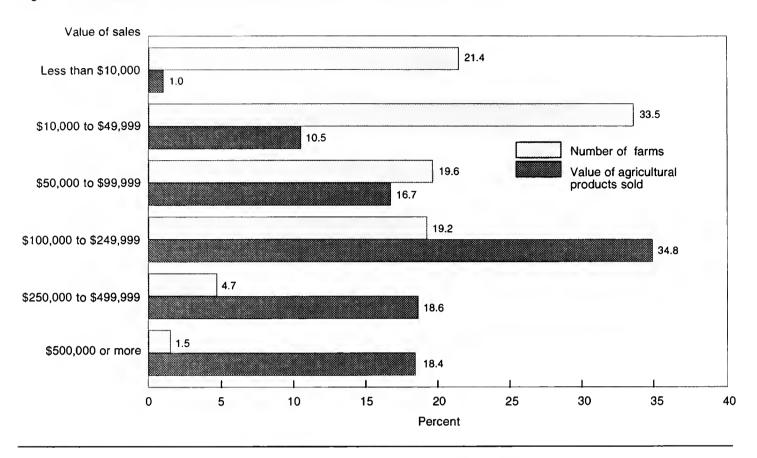


Figure 4. Farms by Value of Agricultural Products Sold: 1959 to 1987

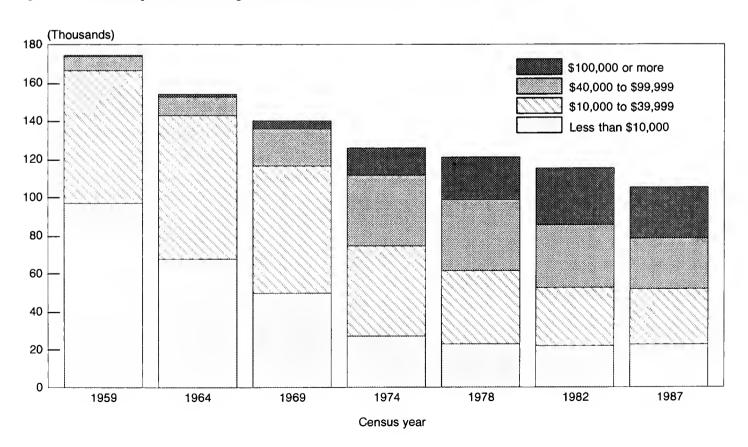


Figure 5. Land Use: 1987

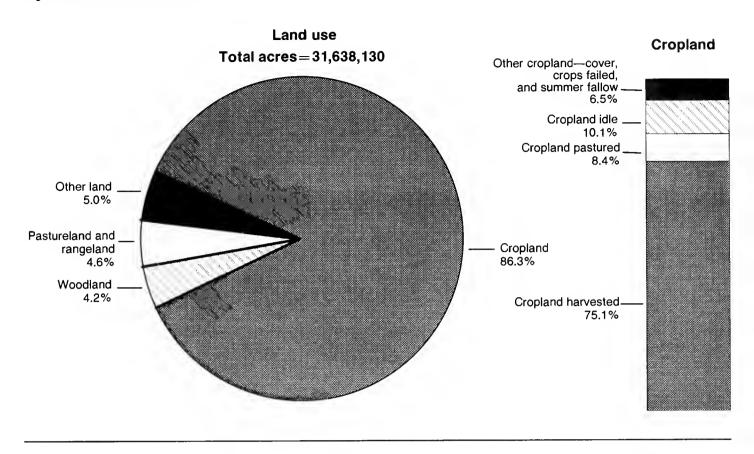


Figure 6. Selected Crops Harvested: 1987

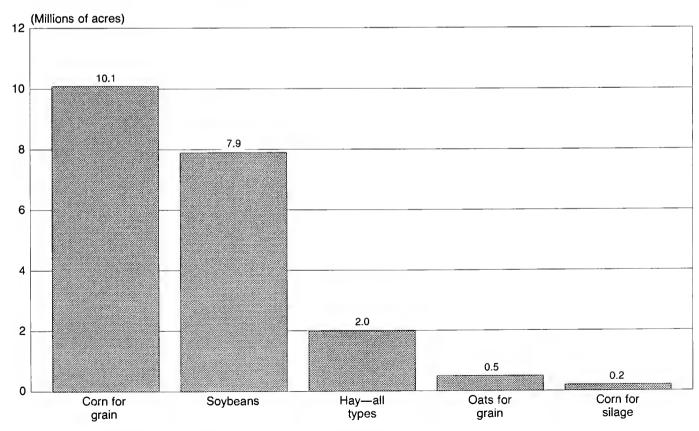


Figure 7. Value of Livestock and Poultry Sold: 1987

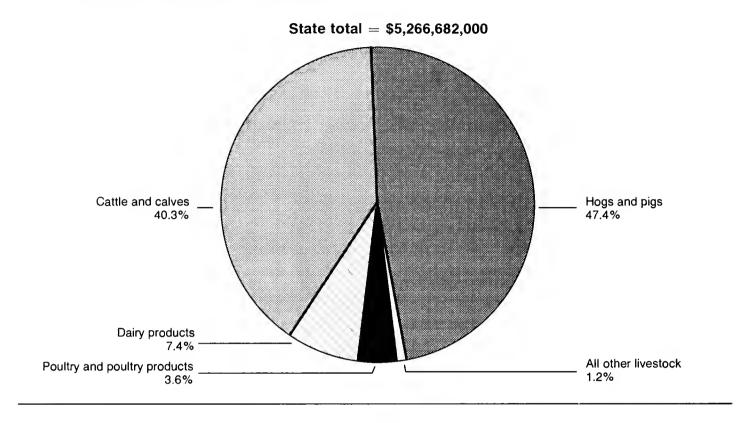


Figure 8. Production Expenses: 1987

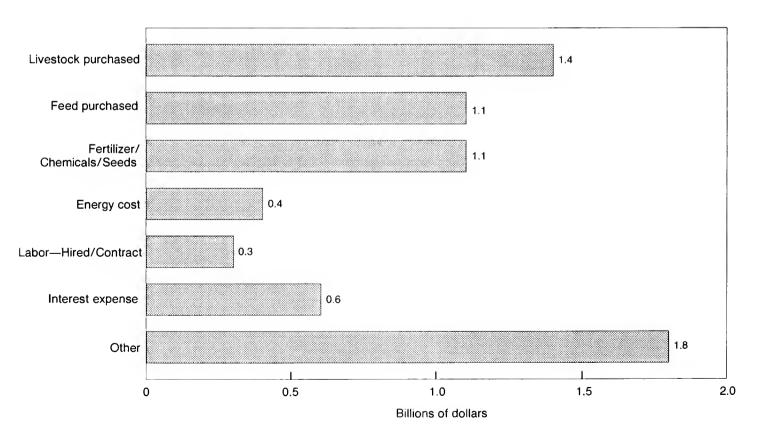


Table 1. Historical Highlights: 1987 and Earlier Census Years

[For meening of ebbreviations and symbols, see infroductory text]

[For meening of ebbreviations and symf	ools, see introductory	text]						
All ferms	1987	1982	1978	1974	1969	1964	1959	1954
Farmsnumber_	105 180	115 413	121 339	126 104	140 354	154 162	174 707	192 933
Land in farmsecres_	31 638 130	32 611 964	33 258 233	33 044 768	33 569 629	33 758 321	33 830 950	34 044 533
Average size of farmecres_	301	283	274	262	239	219	194	177
Value of lend end buildings1: Averege per farmdollars_ Averege per ecredollars_	283 597	471 011	427 161	188 370	93 694	59 553	49 150	35 090
	947	1 684	1 548	719	392	272	254	199
Estimated market velue of all machinery end equipment	5 543 375	6 731 271	5 774 996	3 527 520	1 683 466	(NA)	(NA)	(NA
	52 844	58 398	47 666	28 968	12 290	(NA)	(NA)	(NA
Ferms by size: 1 to 9 ecres 10 to 49 ecres 50 to 179 ecres 180 to 499 ecres 500 to 999 ecres 1,000 to 1,999 ecres 2,000 ecres or more	7 974 10 981 27 556 39 071 15 874 3 401 323	7 910 12 322 30 959 46 259 14 858 2 796 309	6 610 11 342 34 898 51 974 14 109 2 152 254	5 051 9 841 40 146 56 692 12 578 1 646 150	5 637 9 586 48 256 65 998 9 865 928 84	4 324 11 156 58 301 72 790 6 999 532 60	5 457 13 727 75 553 75 150 4 475 	9 138 14 402 93 069 72 769 3 284 271
Totel cropland farms_	96 749	106 859	114 391	120 559	134 143	148 055	166 224	183 269
acres_	27 290 868	27 580 749	28 063 990	27 278 052	27 738 852	26 356 116	26 402 004	25 981 414
Hervested cropland ferms_	92 878	103 644	111 379	116 863	128 791	143 701	162 116	180 454
acres	20 484 178 851	24 137 670	23 622 212	23 085 329	19 286 658	19 951 672 291	22 873 407 313	22 444 290
ecres	92 247	91 427	100 770	39 417	20 664	21 528	18 181	132 2 396
Market velue of agricultural products sold2\$1,000 Average per fermdollers Crops, including nursery	8 926 799	9 828 932	8 172 960	6 319 637	3 655 512	2 596 544	2 284 110	1 839 989
	84 872	85 163	67 356	50 114	26 044	16 843	13 074	9 537
end greenhouse crops \$1,000 Livestock, poultry, and their products \$1,000	3 660 117 5 266 682	4 143 086 5 685 846	3 133 218 5 039 742	2 800 973 3 517 658	886 284 2 768 051	733 378 1 861 768	496 297 1 787 174	451 528 1 388 007
Farms by value of sales³: Less then \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$25,000 to \$24,9994 \$25,000 to \$49,999 \$100,000 to \$59,999 \$100,000 to \$49,999	8 799 5 498 8 252 17 436 17 752 20 656 25 157 1 630	8 092 5 535 8 230 17 531 20 458 25 735 28 128 1 660	6 721 6 234 9 901 21 822 25 887 28 293 21 419 986	9 608 6 399 11 002 84 747 13 822 451	17 322 11 756 20 543 86 346 4 193 132	20 654 15 390 31 546 85 065	25 926 23 547 47 428 77 709 - - -	36 725 33 818 59 884 52 164 10 302
Ferms by type of organization: Individual or femily (sole proprietorship) Partnership Corporetion Other—cooperetive, estate or trust, institutionel, etc.	89 188 11 088 4 404 500	97 610 13 213 4 110	103 884 14 345 2 668	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA)
Operetors by days worked off ferm ⁶ : None	51 753	55 958	62 890	56 414	(NA)	(NA)	(NA)	126 087
	46 229	48 480	51 057	38 253	59 074	53 238	53 793	61 223
	25 928	25 240	25 073	20 278	24 906	19 192	17 313	15 526
Operators by principal occupation ⁶ : Farming Other	75 279	86 041	92 309	102 163	(NA)	(NA)	(NA)	(NA)
	29 901	29 372	29 030	22 512	(NA)	(NA)	(NA)	(NA)
Averege ege of operatoreyeers	49.3	47.6	47.5	49.3	48.5	48.5	47.7	47.0
Total farm production expenses 1,000\$1,000	6 647 645	(NA)	(NA)	4 276 217	2 790 717	(NA)	(NA)	(NA
expenses¹: Livestock and poultry purchased	1 358 161	1 536 601	1 519 139	1 018 548	888 254	526 204	535 437	(NA)
	1 101 866	1 214 715	1 033 523	881 383	593 256	443 782	418 340	330 359
	467 355	562 767	481 090	394 865	146 486	88 365	(NA)	(NA)
	315 061	536 937	293 963	204 875	121 911	106 960	97 190	84 263
	282 515	222 146	192 667	108 412	79 039	57 626	59 060	54 108
	579 338	1 015 561	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	309 894	331 924	208 549	139 620	56 611	(NA)	(NA)	(NA)
Livestock and poultry: Cattle and calves inventory farms Beef cows farms number Milk cows farms	49 469	62 412	69 226	79 851	96 738	124 407	145 351	172 323
	4 303 682	5 822 488	6 531 710	6 658 298	7 020 754	7 284 905	6 479 829	6 062 002
	32 279	41 117	44 755	52 930	(NA)	65 042	(NA)	(NA)
	1 123 745	1 536 397	1 606 685	1 868 308	1 548 103	1 247 101	961 605	1 014 790
	7 748	10 485	12 623	18 213	30 005	59 673	92 730	138 142
number Cattle and calves sold farms	294 888	339 664	339 469	399 573	476 944	735 647	830 586	1 041 116
	50 509	62 765	70 693	81 011	99 981	123 505	141 538	157 190
number Hogs and pigs inventory farms	3 539 020	4 595 676	5 457 944	5 018 819	5 954 623	5 142 522	4 481 521	3 413 809
	36 670	45 768	57 325	59 582	83 251	106 184	134 503	151 508
number	12 983 074	14 332 644	14 695 418	11 476 589	13 438 546	13 674 088	14 789 165	13 283 683
Hogs and pigs sold farms	38 638	49 012	60 065	66 336	88 196	108 909	136 844	152 368
number	23 483 812	23 801 117	22 082 311	19 359 946	20 826 437	19 872 227	18 589 848	14 101 563
Chickens 3 months old or older inventory ⁹ farms number	4 897	7 637	10 050	16 038	29 984	73 804	119 149	156 134
	9 580 666	9 584 663	9 343 813	9 816 088	11 154 735	19 503 609	26 700 633	30 128 595
Broilers and other meat- type chickens sold farms number	1 060 666 016	1 041 429 389	1 142 675 938	1 337	775	106	163 2 553 191	282

See footnotes at end of table.

Table 1. Historical Highlights: 1987 and Earlier Census Years-Con.

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Selected crops harvested:								
Corn for grain or seed farms	83 301	92 462	100 984	106 135	116 162	133 918	155 167	173 403
ecres	10 147 051	12 880 050	12 664 796	11 865 605	9 480 821	9 612 937 (11 997 052	9 781 087
bushels	1 274 388 346	1 466 953 043	1 389 912 254	930 743 547	912 535 502	734 502 692	779 212 768	529 842 244
Oats for grain farms	25 398	35 752	39 710	(NA)	(NA)	87 530	127 849	159 178
acres	544 907	811 716	866 584	(NA)	(NA)	2 233 231	4 207 628	5 912 507
bushels	30 918 660	45 769 302	49 306 381	(NA)	(NA)	107 339 285	184 086 771	221 524 409
Soybeans for beans terms	68 278	73 175	78 579	82 952	80 892	88 639	64 374	70 701
acras	7 903 395	8 044 305	7 420 862	6 905 647	5 175 289	4 173 021	2 332 161	2 109 821
bushels	326 081 351	291 189 890	265 870 687	190 916 604	165 975 386	116 215 629	62 106 812	55 615 114
Hey-alfalfa, other tame,								
smell grain, wild, grass					ļ			
silage, green chop, atc.								
(see text) farms	48 271	56 372	64 657	72 217	84 168	(NA)	(NA)	(NA)
acres	1 968 207	2 035 033	2 285 255	2 259 243	2 269 783	3 201 635	3 564 857	3 913 114
tons, dry	5 612 944	6 201 756	6 728 686	5 896 261	6 166 678	7 643 516	8 140 050	6 873 489

Data are based on a sample of farms.

**Data for 1974 and prior years include the value of forest products sold.

**Data for 1982 and prior years exclude abnormal farms.

**Data for 1959 are for \$10,000 or more.

**Data for 1954 are for \$25,000 or more.

**Data for 1974 apply only to individual or family operations (sola proprietorship) and partnerships; sea text.

**Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

**Data for 1982 do not include imputation for itam nonresponsa.

**Data for 1964 and prior years ere for chickans 4 months old or older.

Table 2. Market Value of Agricultural Products Sold: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory tex	(t)				· · · · · · · · · · · · · · · · · · ·
Item		1987	Percent of total in 1987	1982	1978
Total sales (see text)	farms \$1,000	105 180 8 926 799	100.0 100.0	115 413 9 828 932	121 339 8 172 960
Averege per ferm	dollars	84 872	(X)	85 163	87 358
Value of seles1: Less than \$1,000 (see text)	ferms	3 782	3.6	3 219	1 825
\$1,000 to \$2,499	\$1,000	1 254 5 5 017	(Z) 4.8	1 133 4 873	759 5 096
\$1,000 to \$2,499	\$1,000	8 372	.1	8 192	8 588
\$2,500 to \$4,999	\$1,000	5 498 20 091	5.2 .2	5 535 20 187	8 234 22 971
\$5,000 to \$9,999	\$1,000	8 252 60 139	7.8 .7	8 230 60 106	8 901 72 725
\$10,000 to \$19,999	farms \$1,000	12 427 182 050	11.8 2.0	12 276 181 108	15 308 225 257
\$20,000 to \$24,999	tarms	5 009 112 042	4.8 1.3	5 255 117 499	6 514 145 382
\$25,000 to \$39,999	farms	11 756 375 819	11.2 4.2	13 163 424 231	18 809 539 829
\$40,000 to \$49,999		5 996	5.7	7 295	9 078
\$50,000 to \$99,999	\$1,000 farms	267 940 20 656	3.0 19.6	326 300 25 735	405 082 28 293
	\$1,000	1 493 083	16.7	1 855 005	2 013 008
\$100,000 to \$249,999	farms \$1,000	20 200 3 103 103	19.2 34.8	22 929 3 491 069	18 181 2 853 897
\$250,000 to \$499,999	farms	4 957	4.7	5 199 1 745 534	3 258 1 089 944
\$500,000 to \$999,999 ²		1 659 468 1 220	18.6 1.2	1 660	986
\$1,000,000 or more	\$1,000 farms	803 090 410	9.0 .4	1 592 815	988 401
	\$1,000	840 349	9.4	-	
Sales by commodity or commodity group:	4	00.040	70.0	92 378	98 767
Crops, including nursery and greenhouse crops	\$1,000	89 940 3 660 117	79.8 41.0	4 143 086	3 133 218
Grains		81 042	77.1 39.9	89 676 4 04 2 552	96 353 3 020 845
Corn for grain		3 563 323 72 356	68.8	76 287	(NA
Wheet	\$1,000 farms	1 961 527 1 188	22.0 1.1	2 459 061 2 605	(NA (NA
Soybeens	\$1,000	2 726 68 166	(Z) 64.8	8 447 73 043	(NA (NA
00,000,100	\$1,000	1 573 168	17.6	1 541 608	(NA
Sorghum for grain	farms \$1,000	57 477	.1 (Z)	118 812	(NA (NA
Barley	farms	81	.1	(NA)	(NA
Oats	\$1,000 farms	116 11 842	(Z) 11.3	(NA) 15 064	Ì (NA
Other grains ³	\$1,000 farms	19 604 677	.2 .6	26 314 486	(NA (NA
Giller grand and a second a second and a second a second and a second a second and a second and a second a second a second	\$1,000	5 705	.1	6 310	(NA)
Cotton and cottonseed		-	-	-	
Tobacco		=	-] -]
Hay, silage, and field seeds	\$1,000 tarms	12 947	12.3	14 589	19 211
Vagatablas, sweet corn, and melons	\$1,000	46 480 596	.5 .6	57 638 415	70 7 83
Vagatablas, sweet com, and melons	\$1,000	7 541	.1	4 267	4 706
Fruits, nuts, end berries		371	.4	280	298 2 075
Nursery and greenhouse crops	\$1,000 farms	2 853 357	(Z) .3	2 267 333	918
Other crops	\$1,000 tarms	38 241 99	.4	34 854 74	33 587 92
	\$1,000	1 678	(Z)	1 408	1 222
Livastock, poultry, and their products	farms \$1,000	72 438 5 266 682	68.9 59.0	85 613 5 685 846	93 571 5 039 742
Poultry and poultry products		9 643 192 229	3.5 2.2	5 208 164 052	7 168 144 808
Dairy products	farms \$1,000	7 048 392 284	6.7 4.4	8 850 426 730	10 555 313 780
Cattle and calves		50 509	48.0	62 765	70 893
Hogs end pigs	\$1,000	2 124 641 38 638	23.8 36.7	2 500 175 49 012	2 483 937 60 065
Sheep, lambs, and wool	\$1,000	2 494 231 8 922	27.9 8.5	2 550 488 10 484	2 061 298 9 088
	\$1,000	46 157 3 417	.5	26 703 3 705	24 468 3 289
Other livestock and livestock products (see text)	\$1,000	17 139	.2	17 698	11 850

¹Date for 1982 and 1978 exclude abnormal farms. ²Data for 1982 and 1978 are for \$500,000 or more. ³Data for 1982 include barley

Table 3. Farm Production Expenses: 1987, 1982, and 1978

	1987		İ	
ltem	Farms	Expenses (\$1,000)	1982	1978
ital farm production expensesfarms	105 184	(X)	(NA)	(NA
\$1,000 Average per fermdollars	(X) (X)	6 647 645 63 200	(NA) (NA)	(NA (NA
Farms with expenses of—				
\$1 to \$4,999	13 106	35 627	(NA)	(NA
\$5,000 to \$9,999	11 651 23 067	86 257 387 877	(NA) (NA)	(NA (NA
\$10,000 to \$24,999\$25,000 to \$49,999	20 133	726 934	(NA)	(NA
\$50,000 to \$99,999	19 895	1 420 969	(NA)	(NA
\$100,000 to \$249,999 \$250,000 to \$499,999	13 677 2 626	2 001 186 885 453	(NA) (NA)	(NA (NA
\$500,000 or more	1 029	1 103 340	(NA)	(NA
toma	46 066	(X)	53 457	62 78
Livestock and poultry purchasedfarms \$1,000	46 000 (X)	1 358 161	1 536 601	1 519 13
percent of total	(X)	20.4	(NA)	(NA
Farms with expenses of — \$1 to \$999	7 278	3 416	10 673	14 63
\$1,000 to \$4,999	13 617	34 552	14 305	16 15
\$5,000 to \$9,999 \$10,000 to \$24,999¹	6 821 8 111	47 351 130 780	6 658	8 44 Г 23 56
\$25,000 to \$49,999	4 755	169 031	14 983	1
\$50,000 to \$99,999	3 056	208 861 250 500	6 838	
\$100,000 to \$249,999 \$250,000 or more	1 662 766	513 669	5 636	Ĺ
	0. 750	0.0	70.070	
Feed for livestock and poultry farms \$1,000	64 752 (X)	(X) 1 101 866	78 070 1 214 715	87 74 1 033 52
percent of total	(x)	16.6	(NA)	1 033 32 (NA
Farms with expenses of— \$1 to \$999	13 383	5 926	17 063	20 74
\$1,000 to \$4,999	17 986	44 737	21 628	27 40
\$5,000 to \$9,999	9 414	66 623	11 755	15 01
\$10,000 to \$24,999¹ \$25,000 to \$49,999	12 662 6 792	200 312 233 518	25 407	24 58
\$50,000 to \$79,899	2 408	148 280]	l L
\$80,000 to \$99,999	646	56 588	7 2 217	ΙŢ
\$100,000 or more	1 461	345 882		L
Commercially mixed formula feeds ferms	33 282	(X)	38 512	41 71
\$1,000	(X)	475 104 7.1	539 236 (NA)	466 35 (NA
percent of total	(X)	7.1	(140)	(147
Farms with expenses of —				7.00
\$1,000 to \$4,999	7 666 9 968	3 135 25 281	6 634 11 717	7 33 14 44
\$5,000 to \$9,999	5 228	36 639	6 835	8 17
\$10,000 to \$24,999¹	6 124	95 328 89 005	11 476	11 76
\$25,000 to \$49,999 \$50,000 to \$79,999	2 646 899	54 803	۱	lì
\$80,000 or more	751	170 913	1 850	1
Seeds, bulbs, plants, and trees farms	88 807	(X)	98 770	105 94
\$1,000	(X)	308 197	313 092	232 13
Farms with expenses of—	(X)	4.6	(NA)	(NA
\$1 to \$499	11 809	2 979	13 191	19 96
\$500 to \$999 \$1,000 to \$4,999	11 265 45 976	8 177 116 166	12 110 54 568	17 47 58 92
\$5,000 to \$9,999	14 205	96 193	14 310	7 82
\$10,000 to \$19,999	4 806	60 861	3 909	1 49
\$20,000 to \$24,999 \$25,000 or more	415 331	8 891 14 930	682	27
Commercial fertilizer ²	83 067 (X)	(X) 467 355	86 632 562 767	98 99 481 09
percent of total	(x)	7.0	(NA)	(NA
Farms with expenses of—	7 864	2 055	9 150	8 56
\$1 to \$499 \$500 to \$999	7 710	5 508	9 971	9 52
\$1,000 to \$4,999	36 355	95 059	30 322	48 37
\$5,000 to \$9,999 \$10,000 to \$24,999¹	17 366 11 734	120 304 170 575	19 283	20 61 11 91
\$25,000 to \$29,999	754	20 048	15 839	[1 · · · ·
\$30,000 to \$49,999	1 034	37 303]	
\$50,000 to \$99,999 \$100,000 or more	226	13 443 3 060	2 067	11
		*		
Agricultural chemicals ²	86 631 (X)	(X) 309 894	87 700 331 924	101 52 208 54
percent of total	(x)	4.7	(NA)	(N/
Farms with expenses of —	14 862	3 491	13 319	25 56
\$1 to \$499 \$500 to \$999	10 698	7 660	10 607	18 00
\$1,000 to \$4,999	41 003	100 310	42 560	48 17 7 40
\$5,000 to \$9,999 \$10,000 to \$24,999	13 023 6 467	88 022 89 399	13 977	/ 40
\$25,000 to \$49,999	514	16 064	7 237	2 36
\$50,000 or more	64	4 949	-	
Petroleum products farms	100 939	(X)	114 816	120 83
\$1,000	(X)	315 061	536 937 (NA)	293 96 (NA
Farms with expenses of—	(X)	4.7	(NA)	
\$1 to \$999	30 271	13 143	27 652	39 40
\$1,000 to \$4,999 \$5,000 to \$9,999	51 175 14 925	130 244 100 801	48 500 25 433	67 49 10 97
\$10,000 to \$24,9991	4 244	57 867	12 987	2 51
\$25,000 to \$39,999	246	7 362 1 222	님	[
\$40,000 to \$49,999	28		│ ├ 244	

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Date are based on e sample of ferms; see text. For meaning of abbreviations and symbols, see introductory text]

	1987		1987	
197	1982	Expenses (\$1,000)	Farms	Item
				otal ferm production expenses—Con.
97 68 78 91 (NA	94 737 130 326 (NA)	126 591	90 255 (X) (X)	Electricity
·		6 383		Ferms with expenses of —
42 23 30 30	25 144 23 477	15 178	26 149 21 769	\$1 to \$499 \$500 to \$999
18 35 6 09	26 233 17 075	30 682 48 202	22 656 16 702	\$1,000 to \$1,999 \$2,000 to \$4,999
	1	15 508	2 390	\$5,000 to \$9,999
69	2 808	6 942 3 695	506 83	\$10,000 to \$24,999 \$25,000 or more
53 71	47 873	(X)	49 121	Hired farm labor farms
192 66 (NA	222 146 (NA)	282 515 4.2	(X)	\$1,000 percent of total
26 97	21 588	9 325	25 916	Farms with expenses of — \$1 to \$999
17 06	15 526 5 086	26 066 27 457	11 684 3 971	\$1,000 to \$4,999
5 13 4 54	-	74 663	4 909	\$5,000 to \$9,999 \$10,000 to \$24,999¹
	5 238	58 114	1 725	\$25,000 to \$49,999
	435	35 553 7 12 577 7	575 143	\$50,000 to \$79,999 \$80,000 to \$99,999
	.55	38 760	198	\$100,000 or more
4 51	3 570	(X)	8 078	Contract labor farms
6 67 (NA	8 358 (NA)	21 032 .3	(X)	\$1,000 percent of total Farms with expenses of—
2 73	1 794	1 654	3 846	\$1 to \$999
1 47 25	1 377 279	6 427 4 960	3 123 732	\$1,000 to \$4,999 \$5,000 to \$9,999
		4 357	300	\$10,000 to \$24,999
5	120	1 779 - 1 855	57 20	\$25,000 to \$49,999 \$50,000 or more
(Ali	(814)	1 555		
(NA (NA (NA	(NA) (NA) (NA)	407 270 6.1	91 920 (X) (X)	Repeir and maintenance
•				Farms with expenses of —
(NA (NA	(NA) (NA)	9 841 104 990	21 385 41 862	\$1 to \$999 \$1,000 to \$4,999
(N/	(NA)	125 297	18 471	\$5,000 to \$9,999
(N) (N)	(NA) (NA)	126 746	9 131	\$10,000 to \$24,999
(N)	(NA)	28 354 12 041	905 166	\$25,000 to \$49,999 \$50,000 or more
69 44	57 502	(X)	57 354	Customwork, mechine hire, and rental of machinery and equipment3farms
116 50 (NA	124 821 (NA)	133 395 2.0	(X) (X)	\$1,000 percent of total
34 97	25 251	11 011		Farms with expenses of —
30 36	25 351 26 128	57 304	25 122 25 700	\$1 to \$999 \$1,000 to \$4,999
3 16	4 542	29 838	4 494	\$5,000 to \$9,999
93	1 481	23 778 7 8 014 7	1 744 244	\$10,000 to \$24,999 \$25,000 to \$49,999
		3 451	50	\$50,000 or more
(NA	76 462 1 015 561	(X) 579 338	67 262 (X)	Interest ⁴ farms \$1,000
(NA	(NA)	8.7	(×)	percent of total
(NA	11 900	5 927	14 128	Farms with expenses of
(NA	23 126	60 220	23 365	\$1,000 to \$4,999
(NA	13 398	83 590 191 293 7	12 044 12 398	\$5,000 to \$9,999 \$10,000 to \$24,999
(NA	28 038	133 572	3 983	\$25,000 to \$49,999
•		73 936 30 799	1 138 206	\$50,000 to \$99,999
				Interest paid on dabt:
(N)	(NA) (NA)	390 226 189 113	44 371 41 208	Secured by real estateNot secured by real estate
(NA	(NA)	(X)	41 375	Cash rent farms
(NA (NA	(NA) (NA)	492 80Ó 7.4	(X) (X)	\$1,000 percent of total
(NA	(214)			Farms with expenses of —
(NA (NA	(NA) (NA)	750 1 856	2 836 2 680	\$1 to \$499 \$500 to \$999
(NA (NA	(NA) (NA)	27 687 61 282	10 319	\$1,000 to \$4,999
(NA	(NA)	179 909	8 684 11 593	\$5,000 to \$9,999 \$10,000 to \$24,999
(NA (NA	(NA) (NA)	138 524 82 793	4 132 1 131	\$25,000 to \$49,999 \$50,000 or more
·		32 700		
(NA (NA (NA	(NA) (NA) (NA)	230 810	87 431 (X)	Property taxes paid
·	, ,	3.5	(X)	Farms with expenses of—
(NA (NA	(NA) (NA)	3 571 9 479	15 288 13 025	\$1 to \$499
(NA	(NA)	115 098	46 893	\$500 to \$999 \$1,000 to \$4,999
(NA (NA	(NA) (NA)	63 881 33 189	9 596 2 474	\$5,000 to \$9,999 \$10,000 to \$24,999
(NA	(NA)	5 592	155	\$10,000 to \$24,999\$25,000 or more

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

	19	87		
ltem	Farms	Expenses (\$1,000)	1982	1978
Total farm production expenses - Con.				
All other farm production expenses	101 919 (X) (X) 28 681 44 910 15 605 9 839 2 166 526 192	(X) 513 358 7.7 13 266 109 282 104 883 140 646 71 329 34 098 39 854	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)

Table 4. Net Cash Return From Agricultural Sales: 1987

[Data ere based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

ltem	All farms	Farms with sales of \$10,000 or more	Farms with sales of less then \$10,000
Net cash return from agricultural seles for the farm unit (see text)	105 184	82 647	22 537
	2 146 997	2 187 522	-40 525
	20 412	26 468	-1 798
Ferms with net gains¹	74 987	67 144	7 843
	2 374 100	2 358 599	15 501
	31 660	35 127	1 976
Gain of — Less than \$1,000 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$49,999	4 767 12 840 10 066 18 394 14 753 14 167	1 892 8 358 9 580 18 394 14 753 14 167	2 875 4 482 486 - -
Farms with net lossesnumber	30 197	15 503	14 694
	227 103	171 077	56 026
	7 521	11 035	3 813
Loss of— Less than \$1,000 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	4 943	1 634	3 309
	12 484	4 837	7 647
	6 500	3 704	2 796
	4 814	3 915	899
	1 075	1 048	27
	381	365	16

¹Ferms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

¹Date for 1978 ere for \$10,000 or more.

²Date for 1987 include cost of custom epplications; date for agricultural chemicals exclude the cost of lime for 1987 and 1982.

³Date for 1987 exclude cost of custom epplications for commercial fertilizer and agricultural chemicals.

⁴Date for 1982 do not include imputation for item nonresponse.

Table 5. Government Payments and Other Farm-Related Income: 1987 and 1982

	All farms		Farms with sales of \$10,000 or more		
Item	Farms	Value (\$1,000)	Farms	Value (\$1,000)	
Government payments 1987 - Averege per farm¹ 1987 -	75 203	1 153 713	67 411	1 120 157	
	(X)	15 341	(X)	16 617	
Farms with receipts of — \$1 10 \$999. \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$25,000 to \$49,999 \$50,000 or more	3 240	1 758	1 375	79:	
	18 122	52 809	13 988	42 75:	
	16 781	121 201	15 736	114 00:	
	23 409	371 365	22 831	362 47:	
	10 045	345 038	9 897	340 02:	
	3 606	261 541	3 584	260 108	
Amount received in cash	70 106	559 007	63 905	548 398	
	71 148	594 706	64 205	571 759	
Other farm-ralated income, gross before taxes and expenses ²	30 370	132 008	25 821	112 993	
	(X)	4 347	(X)	4 376	
Ferms with receipts of— \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$49,999	11 351	4 235	9 664	3 625	
	11 173	27 143	9 453	22 885	
	4 121	28 247	3 460	23 705	
	2 945	43 533	2 554	37 641	
	692	22 092	618	19 956	
	88	6 759	72	5 166	
Customwork end other agnoultural services ³	15 001	61 977	13 915	59 799	
	16 921	64 815	16 182	63 707	
	(X)	4 132	(X)	4 297	
	(X)	3 830	(X)	3 937	
1987 ferms with receipts of— \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$8,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$25,000 or more	4 538 6 576 2 189 1 379 317 2	2 039 15 434 14 654 19 799 (D)	4 046 6 140 2 031 1 379 317 2	1 830 14 52t 13 592 19 798 (D	
Rentel of farmlend 1987 1987 1987 1987 1987 1987 1987 1987	8 633	58 000	5 868	42 238	
	(X)	6 718	(X)	7 198	
Farms with receipts of — \$1 to \$999	1 802	881	1 116	543	
	3 416	8 972	2 268	6 057	
	1 657	11 584	1 193	8 380	
	1 369	20 674	992	15 097	
	389	15 888	299	12 160	
Seles of forest products and Christmas trees1987	710	1 876	479	1 193	
Average per farm¹1987	(X)	2 643	(X)	2 491	
Farms with receipts of — \$1 to \$999. \$1,000 to \$4,999. \$5,000 to \$9,999. \$10,000 to \$24,999. \$25,000 or more.	310	101	228	81	
	295	668	191	438	
	60	421	29	226	
	44	(D)	30	(D)	
	1	(D)	1	(D)	
Other farm-related income sources 1987	11 908	10 156	10 990	9 763	
Average per farm¹ 1987	(X)	853	(X)	888	
Farms with receipts of — \$1 to \$999. \$1,000 to \$4,999. \$5,000 to \$9,999. \$10,000 to \$24,999. \$25,000 or more.	9 315	2 557	8 477	2 430	
	2 309	4 509	2 237	4 297	
	191	1 253	183	1 199	
	68	985	68	985	
	25	852	25	852	

¹Data are in whole dollars.
²Data are based on a sample of farms,
³Data for 1987 are based on a sample of farms; data for 1982 are nonsample end exclude abnormals from farms with sales of \$10,000 or more.

Table 6. Commodity Credit Corporation Loans: 1987 and 1982

	19	87	1982		
CCC loans	Farms	Value (\$1,000)	Farms	Valu (\$1,000	
Total	51 178	1 598 775	28 931	1 047 05	
Average per farm1	(X)	31 239	(X)	36 19	
Farms with loens of — \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$9,999	626 6 090 7 585	334 18 496 54 958	543 2 896 3 884	30 8 73 28 67	
\$10,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$49,999. \$50,000 or more.	11 628 4 255 11 613 9 381	167 323 (D) (D) 854 954	6 400	92 45 916 89	
Corn	50 551 (X)	1 298 123 25 679	(NA) (X)	(N) (N)	
Farms with loans of— \$1 to \$999 \$1,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	644 15 123 17 246 17 538	343 81 660 281 782 934 338	(NA) (NA) (NA) (NA)	14) 14) 14) 14)	
Wheat	61 (X)	127 2 083	54 (X)	24 4 50	
Farms with loans of — \$1 to \$999 \$1,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	31 28 - 2	12 (D) (D)	(NA) (NA) (NA) (NA)	(N) (N) (N)	
Soybeans	14 094 (X)	298 747 21 197	(NA) (X)	N)	
Farms with loans of — \$1 to \$999 \$1,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	179 4 224 5 605 4 086	93 24 295 89 628 184 730	(NA) (NA) (NA) (NA)	(7) (7) (7) (7)	
Sorghum, barley, and oats	86 (X)	190 2 211	(NA) (X)	(N	
Farms with loans of — \$1 to \$999 \$1,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	42 42 - 2	17 (D) (D)	(NA) (NA) (NA) (NA)	(N.	
Cotton	(×)	- -	(×)		
Farms with loans of — \$1 to \$999 \$1,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or mora	-	- - -	(NA) (NA) (NA) (NA)	(2, C,	
Peanuts, rya, nce, tobacco, and honey	70 (X)	1 587 22 674	(NA) (X)	(N. (
Farms with loans of— \$1 to \$999 \$1,000 to \$9,999 \$10,000 to \$24,999	13 22 15 20	7 73 209 1 298	(NA) (NA) (NA) (NA)	(N. (N. (N.	

¹Data are in whole dollars.

Table 7. Land Use and Acres Diverted: 1987, 1982, and 1978

All farms		1987	Percent of total in 1987	1982	1978
Fermsr Lend in farms		105 180 31 638 130	100.0 100.0	115 413 32 611 964	121 339 33 258 233
Totel cropland	farms ecres	96 749 27 290 868	92.0 86.3	106 859 27 580 749	114 391 28 063 990
Harvested cropland	farms acres	92 878 20 484 178	88.3 64.7	103 644 24 137 670	111 379 23 622 212
Farms by acres hervested.					
1 to 49 acres		17 548	16.7	17 192	17 829
1 to 9 acres		4 624	4.4	4 687	3 922
10 to 19 acres		4 100	3.9	4 111	4 131
20 to 29 acres		3 360	3.2	2 987	3 368
30 to 49 ecres		5 464	5.2	5 407	6 208
50 to 99 acres		13 956	13.3	13 768	16 320
100 to 199 acres		23 454	22.3	26 637	31 543
200 to 499 acres		29 005	27.6	35 830	37 775
500 to 999 acres		7 723	7.3	8 729	7 135
1,000 acres or more		1 192	1.1	1 488	977
1,000 to 1,999 acres		1 114	1.1	1 356	882
2,000 acres or more		78	.1	132	95
Cropland used only for pasture or grazing	farms	36 766	35.0	41 995	52 647
Cropiand used only for pasture of grazing	acras	2 283 547	7.2	2 500 266	3 154 674
Other cropland		63 889	60.7	32 092	43 808
'	acres	4 523 143	14.3	942 813	1 287 104
Cropland in cover crops, legumes, and soil-improvement grasses, not			l		
harvested and not pastured	farms	27 088	25.8	11 352	17 555
·	acres	1 670 711	5.3	269 487	450 595
Cropland on which all crops failed	farms	1 640	1.6	4 847	2 664
	acres	45 013	.1	146 811	71 259
Cropland in cultivated summer fallow		844	.8	656	1 471
Gropiano in contrato dell'internationali dell'originationali dell'	acres	45 160		26 731	56 223
Cropland idle	forme	42 114	40.0	19 323	26 401
σιομαίο τοιο	acres	2 762 259	8.7	499 784	708 027
Total woodland	forme	24 782	23.6	26 883	26 807
Total woodand	acres	1 316 448	4.2	1 396 963	1 423 699
Woodland pastured		14 393	13.7	16 750	17 289
woodland pastured		774 976		893 533	945 320
144 - 414444	acras		2.4	14 503	13 606
Woodland not pastured	acres	14 477 541 472	13.8 1.7	503 430	478 379
But and and an arrival advantage of the state of the stat		00.445		24.054	04 740
Pastureland and rangeland other than cropland and woodland pastured		22 415	21.3	24 254	24 740
	acres	1 452 248	4.6	1 591 210	1 695 483
Land in house lots, ponds, roads, wasteland, etc.	farms acres	79 586 1 578 566	75.7 5.0	91 193 2 043 042	97 797 2 075 061
Control and a fadout access and at an arrange					
Cropland under federal acreage reduction programs:			1	00.000	46.007
Annual commodity acreage adjustment programs		69 141	(8)	23 020	46 307
	acres	3 560 902	(X)	415 548	1 069 491
Conservation reserve program		8 050	[(X)	(NA)	(NA)
	acres	697 896	l ixi	(NA)	(NA)

Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1987 and 1982

[For meaning of abbraviations and symbols, see introductory text]

All farms	Farm	IS	Land in (acr		Harvested (acr		Irrigated land (acres)		
	1987	1982	1987	1982	1987	1982	1987	1982	
Land in farms	105 180	115 413	31 638 130	32 611 964	20 484 178	24 137 670	92 247	91 427	
1 to 9 acres	7 974	7 910	23 461	25 456	4 938	6 146	165	103	
10 to 49 acres	10 981	12 322	282 586	319 800	126 800	161 481	810	349	
50 to 69 acres	2 901	3 266	170 098	190 547	84 171	106 811	564	298	
70 to 99 acres	6 981	7 687	567 963	625 653	324 340	413 979	1 029	740	
100 to 139 acres	7 168	7 993	840 781	939 069	479 587	634 220	871	1 034	
140 to 179 acres	10 506	12 013	1 661 495	1 900 994	1 044 568	1 407 441	2 002	2 265	
180 to 219 acres	6 574	7 790	1 298 012	1 539 642	794 890	1 112 869	(D)	1 511	
220 to 259 acres	7 119	8 798	1 692 823	2 091 761	1 091 180	1 567 561	(D)	3 201	
260 to 499 acres	25 378	29 671	9 225 178	10 701 909	6 045 183	8 122 130	14 018	19 071	
500 to 999 acres	15 874	14 858	10 707 195	9 849 121	7 115 018	7 359 062	31 991	33 787	
1,000 to 1,999 acres	3 401	2 796	4 290 322	3 529 603	2 862 824	2 643 971	27 273	16 583	
2,000 acres or more	323	309	878 216	898 409	510 679	601 999	9 202	12 485	
5,000 acres or more	18	13	121 190	120 079	59 277	56 000	(D)	(D)	
Farms with harvested cropland Ferms by size:	92 878	103 644	31 128 608	32 179 855	20 484 178	24 137 670	92 199	91 427	
1 to 9 acres	1 373	1 648	7 681	9 349	4 938	6 146	153	103	
10 to 49 acres	7 873	9 119	213 650	247 320	126 800	161 481	790	349	
50 to 69 acres	2 463	2 768	144 578	161 946	84 171	106 811	564	298	
70 to 99 acres	6 397	7 124	520 419	579 847	324 340	413 979	1 029	740	
100 to 139 acres	6 699	7 577	786 048	891 193	479 587	634 220	855	1 034	
140 to 179 acres	10 135	11 724	1 603 151	1 855 741	1 044 568	1 407 441	2 002	2 265	
180 to 219 acres	6 344	7 649	1 252 959	1 512 048	794 890	1 112 869	(D)	1 511	
220 to 259 acres	6 979	8 699	1 659 687	2 068 326	1 091 180	1 567 561	(D)	3 201	
260 to 499 acres	25 092	29 429	9 126 904	10 618 531	6 045 183	8 122 130	14 018	19 071	
500 to 999 acres	15 812	14 807	10 668 562	9 815 949	7 115 018	7 359 062	31 991	33 787	
1,000 to 1,999 acres	3 391	2 792	4 277 120	3 524 448	2 862 824	2 643 971	27 273	16 583	
2,000 acres or more	320	308	867 849	895 157	510 679	601 999	9 202	12 485	
5,000 acres or more	17	13	116 060	120 079	59 277	56 000	(D)	(D)	
Farms with irrigated land Farms by size:	851	616	385 109	304 670	278 236	253 538	92 247	91 427	
1 to 9 acres	107	59	366	211	175	124	165	103	
10 to 49 acres	123	56	2 886	1 275	1 551	749	810	349	
50 to 69 acres	24	16	1 385	918	836	664	564	298	
70 to 99 acres	40	25	3 245	1 997	1 829	1 414	1 029	740	
100 to 139 acres	33	23	3 841	2 640	2 039	1 945	871	1 034	
140 to 179 acres	34	35	5 418	5 576	3 270	4 478	2 002	2 265	
180 to 219 acres	18	19	(D)	3 767	(D)	3 177	(D)	1 511	
220 to 259 acres	47	30	(D)	7 214	(D)	5 713	(D)	3 201	
260 to 499 acres	126	120	47 813	45 957	35 452	39 266	14 018	19 071	
500 to 999 acres	187	160	131 389	112 729	94 357	96 045	31 991	33 787	
1,000 to 1,999 acres	94	56	125 090	74 098	90 611	64 946	27 273	16 583	
2,000 acres or more	18	17	48 995	48 288	37 342	35 017	9 202	12 485	
5,000 acres or more	2	1	(D)	(D)	(D)	(D)	(D)	(D)	

Table 9. Irrigation: 1987, 1982, and 1978

Farms with irrigation	1987	1982	1978	Farms with irrigation	1987	1982	1978
Farmsnumber_ Proportion of farmspercent_	851 .8	616 .5	739 6	Irrigated land—Con. Acres irrigated—Con. 200 to 499 acres	116 35 519	135 39 756	125 38 240
Irrigated landacres_ Average per farmacres_	92 247 108	91 427 148	100 770 136	500 to 999 acres	20 12 164 7 10 144	25 14 742 7 10 090	26 17 265 6 10 455
Acres irrigated: 1 to 9 acres	303 785 123 3 273	147 397 85 2 269	155 477 151 3 344	Irrigated land use: Harvested cropland	825 91 598 37 649	608 91 175 18 252	708 97 681 (NA) 3 089
50 to 99 acres	119 8 179 163 22 183	81 5 781 136 18 392	113 8 202 163 22 787	Land in irrigated farmsacres Croplandacres_ Harvested croplandacres	385 109 352 668 278 2 36	304 670 272 432 253 538	345 435 308 167 274 255

Table 10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1987 and 1982

	A.I.			irrigate				
Characteristics	All f	arms	Any land	l irrigated	All harveste		Nonirriga	ated tarms
	1987	1982	1987	1982	1987	1982	1987	1982
Farmsnum		115 413 32 611 964	851 385 109	616	234	119	104 329	114 797
Value of land and buildings1;				304 670	24 684	11 879	31 253 021	32 307 294
Average per farmdoll Average per acredoll	ars 283 597 ars 947	471 011 1 684	442 449 993	780 292 1 809	225 908 2 056	197 820 3 947	282 338 946	469 194 1 683
rrigatad landac	res 92 247	91 427	92 247	91 427	16 600	8 731	(X)	(X)
end in farms according to use:							\/\',	
Totel cropland far		106 859	848	616	234	119	95 901	106 243
Harvasted cropland far		27 580 749 103 644	352 668 845	272 432 616	21 484 234	9 928 119	26 938 200 92 033	27 308 317 103 028
	es 20 484 178	24 137 670	278 236	253 538	16 551	8 640	20 205 942	23 884 132
Pestureland, excluding woodland pastured far ac	ms 51 460 es 3 735 795	58 922 4 091 476	232 19 016	215 22 869	26 808	14 1 879	51 228 3 716 779	58 707 4 068 607
end set aside in federal farm programs far		(NA)	514	(NA)	50	(NA)	70 775	(NA)
Owned and rented land in farms:	es 4 258 798	(NA)	57 030	(NA)	3 117	(NA)	4 201 768	(NA)
	es 15 050 360	(NA) (NA)	715 169 902	(NA) (NA)	206 18 379	(NA) (NA)	82 718 14 880 458	(NA) (NA)
Rented or leased land in farms far ac	ns 56 954 es 16 587 770	62 354 15 649 424	474 215 207	(NA) (NA)	52 6 305	(NA) (NA)	56 480 16 372 563	(NA) (NA)
Markat value of agricultural products sold	00 8 926 799 ars 84 872	9 828 932 85 163	138 520 162 773	142 890 231 964	29 875 127 672	16 360 137 478	8 788 279 84 236	9 686 043 84 375
Crops, including nursery end greenhouse crops far		92 378	823	592	226	112	83 117	91 786
\$1,0 Livestock, poultry, and their products far \$1,0	ns 72 438	4 143 086 85 613 5 685 846	91 969 329 46 551	79 538 289 63 352	27 462 31 2 414	13 558 27 2 802	3 568 148 72 109 5 220 131	4 063 548 85 324 5 622 494
otal farm production expenses¹\$1,0		(NA) (NA)	96 082 116 182	(NA) (NA)	19 424 99 104	(NA) (NA)	6 551 562 62 780	(NA) (NA)
Livestock and poultry purchased far		53 457	268	(NA)	20	(NA)	45 798	(NA)
Feed for livestock and poultry far	ns 64 752	1 536 601 78 070	19 430 316	(NA) 284	582 33	(NA) 12	1 338 731 64 436	(NA) 77 786
Seeds, bulbs, plants, and trees far	00 1 101 866 ns 88 807	1 214 715 98 770	7 234 731	12 481 660	420 137	645 120	1 094 632 88 076	1 202 233 98 110
\$1,0 Commercial fertilizer2	ns 83 067	313 092 86 632	7 395 728	4 662 600	3 006 151	745 73	300 802 82 339	308 430 86 032
Agricultural chemicals ² far		562 767 87 700	5 994 734	6 977 583	679 166	238	461 360 85 897	555 791 87 117
\$1,0 Petroleum products	00 309 894	331 924 114 816	4 550 796	4 182 (NA)	386 189	90 (NA)	305 344 100 143	327 742 (NA)
\$1,0 Electricity	00 315 061	536 937 94 737	4 775 714	(NA) (NA)	1 106 142	(NA) (NA)	310 286 89 541	(NA) (NA)
\$1,0 Hired farm laborfar	00 126 591	130 326 47 873	1 819 506	(NA) 422	527 108	(NA) 85	124 772 48 615	(NA) 47 451
\$1,0	282 515	222 146	13 002	9 633	6 240	2 098	269 513	212 513
Contract labor		3 570 8 358	200 1 221	72 579	24 394	17 65	7 878 19 811	3 498 7 780
Repairs and maintenance far \$1,0	ns 91 920	(NA) (NA)	713 4 942	(NA) (NA)	137 791	(NA)	91 207	(NA) (NA)
Customwork, machine hire, and rental of machinery and aquipment3		57 502	390	(NA)	47	(NA) (NA)	402 328 56 964	(NA)
\$1,0 Interest ⁴ far	00 133 395	124 821 76 462	1 196 576	(NA) 491	63 69	(NA) 81	132 200 66 686	(NA) 75 971
\$1,0 Cash rent paid for land and buildings far	00 579 338	1 015 561 (NA)	7 858 329	12 878 (NA)	1 527 27	615 (NA)	571 480 41 046	1 002 683 (NA)
Property taxes paid	00i 492_800	(NA) (NA)	5 300 660	(NA) (NA)	77 168	(NA) (NA)	487 501 86 771	(NA) (NA)
\$1,0 All other farm production expenses	00 230 810 ns 101 919	(NA) (NA)	2 411 801	(NA) (NA)	467 178	(NA) (NA)	228 399 101 118	(NA) (NA)
\$1,0		(NA)	8 955	(NA)	3 159	(NA)	504 403	(NA)
Commodity Credit Corporation loans far	00 1.598.775	28 931 1 047 057	426 25 208	(NA) (NA)	31 1 055	(NA) (NA)	50 752 1 573 567	(NA) (NA)
Government payments received	00 1 153 713	(NA) (NA) (NA)	525 14 555 197	(NA) (NA) (NA)	54 699 36	(NA) (NA) (NA)	74 678 1 139 158 30 173	(NA) (NA) (NA)
\$1,0		(NA)	1 109	(NA)	83	(NA)	130 899	(NA)
stimated market value of all machinery and equipment1 fari	ns 104 901	115 266	827	674	196	128	104 074	114 592
\$1,0 Average per farmdolla	00 5 543 375	6 731 271 58 398	59 184 71 565	65 457 97 117	7 079 36 118	5 305 41 447	5 484 191 52 695	6 665 814 58 170
oventory of livestock:								
Cattle and calves	0. 4 202 662	62 412 5 822 488	200 41 173	200 60 102	3 156	15 2 477	49 269 4 262 509	62 212 5 762 386
MIIK COWS tari		10 485 339 664	24 812	730 730	4 45	(D)	7 724 294 076	10 463 338 934
Hogs and pigsfarm	er 12 983 074	45 768 14 332 644	160 59 497	129 53 989	11 3 824	7 3 163	36 510 12 923 577	45 639 14 278 655
Sheep and lambs fari	ns 8 636 er 451 617	9 988	38	26	3 024	92	8 598	9 962

¹Data are based on a sample of farms.

²Data for 1987 include cost of custom applications.

³Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals

⁴Data for 1982 do not include imputation for item nonresponse.

Table 11. Value of Land and Buildings: 1987, 1982, and 1978

[Data are based on a sample of farms, see text. For meaning of abbreviations and symbols, see introductory text]

	19	87		_
Value of land and buildings	Farms	Velue (\$1,000)	1982	1978
Estimated market value of lend and buildings	105 184 (X) (X) (X)	(X) 29 829 901 283 597 947	115 388 54 349 071 471 011 1 684	121 334 51 829 172 427 161 1 548
Ferms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999	13 227 11 020 9 152 12 468 9 769	234 008 584 758 756 410 1 505 632 1 660 782	10 423 7 870 6 877 9 191 8 033	10 018 8 817 7 274 10 190 8 976
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or more	31 637 14 045 3 466 380 20	10 076 186 9 442 908 4 416 580 995 672 156 965	34 645 25 303 13 046	40 152 24 876 11 031

Table 12. Value of Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

	19	87	1982		
Value of machinery and equipment	Farms	Value (\$1,000)	Farms	Value (\$1,000)	
Estimated market value of all machinery and equipment	104 901 (X)	5 543 375 52 844	115 266 (X)	6 731 271 58 398	
By value group: \$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$29,999 \$30,000 to \$49,999	6 659 12 872 15 609 12 464 16 318	17 760 86 106 204 392 287 085 603 631	5 492 14 459 15 825 13 511 16 793	16 400 97 432 209 967 310 438 627 125	
\$50,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 or more	12 639 10 272 14 193 3 763 101	708 546 829 428 1 812 997 922 210 57 781 13 439	14 008 12 006 17 527 5 479	779 839 970 591 2 269 196 1 347 257 103 025	

¹Data are in whole dollars.

Table 13. Selected Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

	1987							1982		
Selected machinery and equipment	Total		Manufactured 1983 to 1987		Manufactured prior to 1983				Number	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	manufactured 1978 to 1982	
Motortrucks, including pickups	93 674 28 971 3 634	143 433 64 544 17 820	26 088 1 729 73	28 331 3 687 358	78 703 21 906 2 471	115 102 48 590 12 186	101 739 27 678 3 163	147 663 60 917 15 848	46 802 7 764 1 078	
Whael tractors	97 120 44 785 34 736 48 200 85 755	302 392 112 484 172 309 79 062 223 330	12 351 2 956 391 2 808 10 572	17 313 6 531 1 778 3 191 14 122	94 838 45 187 31 180 46 231 83 540	285 079 113 086 153 522 75 871 209 208	104 017 54 293 31 306 (NA) (NA)	305 334 137 397 149 519 (NA) (NA)	41 386 17 082 2 958 (NA) (NA)	
Grain and bean combines¹	55 575 29 756 40 640	60 004 - 31 333 46 867	6 701 - 4 307 3 461	6 846 - 4 401 3 619	49 234 25 638 38 284	53 158 26 932 43 248	54 993 27 138 43 063	57 726 28 401 47 776	17 069 - 7 374 7 505	

¹Data for 1982 include self-propelled only.

Table 14. Petroleum Products Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

	19	987		
Item	Farms	Expenses (\$1,000)	1982	1978
Petroleum products	100 939 (X)	(X) 315 061	114 816 536 937	120 834 293 963
Average per farmdollars_	(×)	3 121	4 676	2 433
Gasoline and gasoholfarms	87 982 (X)	(X) 105 047	· 106 773 186 833	114 548 127 980
Average per farmdollars	(X)	1 194	1 750	1 117
Farms with expenses of —	28 312	6 724	24 575	33 967
\$500 to \$999	21 138	14 478	19 309	30 928
\$1,000 to \$1,999	22 386	29 812	27 172	32 362
\$2,000 to \$4,999	14 012	37 897	29 573	15 828
\$5,000 to \$9,999	1 834	11 520	5 389	1 237
\$10,000 to \$24,999	270	3 428	ln .	
\$25,000 ar mare	30	1 188	755	226
Diesel fuel farms	73 400	(X) 136 878	80 135 203 866	76 213 91 401
Average per farmdollars_	(X) (X)	1 865	2 544	1 199
Farms with expenses of—				
\$1 to \$499	15 927	4 063	10 682	24 023
\$500 to \$999	14 390	9 970	13 149	21 330
\$1,000 to \$1,999	18 347	24 980	18 972	17 456
\$2,000 to \$4,999	19 229	55 974	26 182	11 523
\$5,000 to \$9,999	4 667	29 886	9 012	1 605
\$10,000 to \$24,999	790	10 096	2 138	276
\$25,000 or more	50	1 909	J 2 100	2,0
Natural gasfarms \$1,000_	5 064 (X)	(X) 6 637	3 284 6 182	3 648 3 058
Average par farmdollars	(X)	1 311	1 883	838
Farms with expenses of – \$1 to \$99	349	19	199	385
\$100 to \$499	1 521	407	813	1 596
\$500 to \$999	1 188	801	628	906
\$1,000 to \$1,999	1 152	1 439	694	502
\$2,000 to \$4,999	693	1 926	713	211
\$5,000 to \$9,999	114	722	Ιπ	
\$10,000 ar mare	47	1 323	237	48
LP gas, fuel oil, kerosene, motor oil, grease, etc	86 862 (X)	(X) 66 500	(NA) 140 056	(NA) 71 524
Average per farmdollars_	\(\overline{\pi}\)	766	(NA)	(NA)
Farms with expenses of—	10.510		4143	(1)
\$1 to \$99	16 546	894	(NA)	(NA)
\$100 to \$499	34 577 14 814	8 310	(NA)	(NA)
\$500 to \$999		9 841 15 365	(NA)	(NA)
\$1,000 to \$1,999	11 795		(NA)	(NA)
\$2,000 to \$4,999	7 876	21 980	(NA)	(NA)
\$5,000 to \$9,999	1 043	6 432	(NA)	(NA)
\$10,000 or more	211	3 677	(NA)	(NA)

Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978

Chemicals used	1987	1982	1978	Chamicals used	1987	1982	1978
Any chemicals, fertilizer, or lime	90 719	96 237	107 357	Any chemicals, fertilizer, or lime			
used farms	90 / 19	90 237	107 357	usedCon.			
Commercial fertilizer ¹ farms	83 067	86 632	98 993	Sprays, dusts, granules,			
acres on which used	13 313 702	14 661 266	15 184 915	fumigants, etc., to control—			
\$1,000	467 355	562 767	481 090	Insects on hay and other			
				crops farms	41 361	41 193	44 090
Lime farms	17 823	11 172	14 577	acres on which used	4 910 343	6 062 166	6 640 743
acres on which used	1 219 181	588 678	810 259	Nematodes in crops farms	2 548	3 419	4 561
tons '	2 846 408	1 389 986	1 942 275	acres on which used	267 277	415 428	517 125
				Diseases in crops and			4 000
Farms by tons used:				orchards farms	1 330	1 331	1 886
1 to 49 tons	3 815	3 092	3 807	acres on which used	112 420	177 125	219 621
50 to 99 tons	4 475	3 324	4 127	Weeds, grass, or brush in			70.407
100 to 199 tons		2 789	4 035	crops and pasture farms	70 486	73 116	73 497
200 to 499 tons		1 677	2 179	acres on which used	14 709 093	16 269 261	14 215 869
500 to 999 tans		250	352			j	
1,000 tans or mare	142	40	77	Chemicals used for defaliation			
				ar far growth control of craps		. 700	
Agricultural chemicals1 farms	86 631	87 700	101 522	or thinning of fruit farms	1 066	1 726	1 412
\$1,000	309 894	331 924	208 549	acres on which used	120 779	242 520	169 928

Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1987, 1982, and 1978

Characteristics			All ferms		Farms op	erated by Black and o	ther races1
Charactenstics		1987	1982	1978	1987	1982	1978
Tanura of operator:							
All operators	acres	105 180 31 638 130	115 413 32 611 964	121 339 33 258 233	124 26 195	158 37 955	253 58 443
Hervested cropland	acres	92 878 20 484 178	103 644 24 137 670	111 379 23 622 212	112 17 716	144 28 136	230 40 687
Full owners		48 226 7 963 226	52 934 9 348 834	55 682 9 573 411	64 7 799	74 9 899	126 20 461
Hervested croplend		37 835 4 398 979	43 087 6 133 611	47 199 6 031 886	56 4 185	63 6 316	104 12 043
Part owners	farms	35 207	38 427	39 094	25	54	67
Harvestad cropland	acres farms acres	17 255 971 34 647 11 572 966	17 113 389 37 829 13 088 725	16 756 897 38 695 12 264 057	10 127 24 6 250	21 666 54 16 604	23 570 67 17 335
Tenants		21 747	24 052	26 563	35	30	60
Harvested cropland	acres farms	6 418 933 20 396	6 149 741 22 728	6 927 925 25 485	10 269 32	6 390 27	14 412 59
	acres	4 512 233	4 915 334	5 326 269	7 281	5 216	11 289
Percent of tenancy	percent	20.7	20.8	21.9	28.2	19.0	23.7
Operators by place of residence: On farm operated		78 710	87 160	93 726	91	96	172
Not on farm operated Not reported		20 505 5 965	18 304 9 949	17 455 10 158	27 6	44 18	66 15
Not reported		3 905	3 343 J	10 130		'°	
Operators by principal occupation: Farming		75 279	86 041	92 309	76	103	162
Other		29 901	29 372	29 030	48	55	91
Operators by days of work off farm: None		51 753	55 958	62 890	51	65	113
Any		46 229	48 480	51 057	61	73 14	103
1 to 49 days 50 to 99 days		9 615 3 489	12 927 3 473	15 341 3 750	10	4	14
100 to 149 days 150 to 199 days		3 325 3 872	3 159 3 681	3 192 3 701	4 8	7 7	8
200 days or more		25 928	25 240	25 073	34	41	62
Not reported		7 198	10 975	7 392	12	20	37
Operators by years on present farm: 2 years or less		5 787	6 382	(NIA)	,,	10	(NA)
3 or 4 years		5 973	9 037	(NA) (NA)	11 4	15	(NA)
5 to 9 years 10 years or more		13 617 65 721	17 921 63 794	(NA) (NA)	23 54	29 66	(NA) (NA)
Average years on present farm		19.7	17.9	(NA)	16.6	15.4	(NA)
Not reported		14 082	18 279	(NA)	32	38	(NA)
Operators by age group:		0.050	5 000	0.000	_		4.4
Under 25 years25 to 34 years		2 852 17 458	5 602 20 346	6 339 19 205	4 22	9 32	14
35 to 44 years		21 282	22 548	23 918	33	29	54
45 to 49 years50 to 54 years		10 512 1 11 232	26 104	30 341	-[13 11	<u></u> 31	54
55 to 59 years		12 608 1 12 679	27 594	28 959	1 3	}- 34	36
60 to 64 years65 to 69 years		7 848	10.010	12 577	5 12	اً	35
70 years and over		8 709 J 49.3	- 13 219 47.6	47.5	21 50.0	47.8	46.4
Operators by sex:							
Male	farms acres	101 838 31 076 208	112 456 32 157 958	118 461 32 810 229	114 25 527	135 33 905	230 54 158
Female		3 342 561 922	2 957 454 006	2 878 448 004	10 2 668	23 4 050	23 4 285
Operators of Spanish origin (see text)		105	138	214	7	13	14
Operators not of Spanish origin	acres farms	33 851 78 289	42 269 (NA)	50 840 (NA)	1 737 67	2 872 (NA)	1 918 (NA)
Spanish origin not reported	farms	26 786	(NA)	(NA)	50	(NA)	(NA)
Type of organization: Individual or family (sola proprietorship)	farms acres	89 188 25 058 946	97 610 25 568 925	103 884 26 718 678	103 22 024	131 29 006	212 48 582
Partnership	farms	11 088 3 802 372	13 213	14 345	13	29 000 20 6 476	30
Corporation		4 404	4 393 079 4 110	4 801 920 2 668	3 652 3	6	8 206 7
Family held:	acres	2 659 862	2 541 848	1 621 982	1 069	(D)	1 259
More than 10 stockholders	farms acres	81 56 221	87 67 387	50 38 764	_	-	1 (D)
10 or less stockholders		4 013 2 512 083	3 638 2 336 601	2 323 1 464 812	3 1 069	4 1 513	(D)
Other than family held:							(-,
More than 10 stockholders	farms acres	34 15 152	36 18 304	36 44 035	-	_	-
10 or less stockholders	farms	276	349	259	Ξ.	2] =
Other-cooperative, estate or trust, institutional,	acres	76 406	119 556	74 371	_	(D)	_
etc.	acres	116 950	480 108 112	442 115 653	5 1 450	(D)	396

¹For classification of social and ethnic groups, see text.

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982

(For meaning of abbreviations end symbols, see introductory text)

Characteristics				Farms ope	ereted by Black and	other races	
Characteristics	Female operators	Operators of Spanish origin ¹	Total	Black	American Indian	Asian	Other (see text)
FARMS AND LAND IN FARMS							
Farmsnumber, 19871982	3 342 2 957	105	124	47	42	15	20
Land in farms acres, 1987	561 922	138 33 851	158 28 195	93 13 574	46 7 073	10 2 426	5 122
1982 Harvested croplandfarms, 1987 1982	454 006 2 549 2 292	42 269 98 127	37 955 112	25 450 44	9 451 38	539 13	2 515 17
acres, 1987 1982	305 033 287 967	19 547 29 185	144 17 716 28 136	88 8 927 19 308	39 4 134 6 410	1 547 383	8 3 108 2 035
1987 FARMS BY SIZE							
1 to 9 scres	404 660	5 12	12 23	2 11	2	4 2	4
50 to 139 acres	838 591	23	21 18	6	11 7	ءُ ا	2
220 to 499 acres	630 219	38 16	33 17	12 9	9 3	6	6
1987 OWNED AND RENTED LAND IN FARMS							
Owned land in farms farms acres	2 959 413 725	87 16 779	89 11 895	33 4 862	33 3 822	12 (D)	11 (D)
Rented or leased land in farms farms acres	850 148 197	45 17 072	60 16 300	27 8 712	15 3 251	(D)	(D) 12 (D)
TENURE OF OPERATOR							
Full owners farms, 1987 1982	2 492 2 123	60 65	64 74	20 38	27 24	9	8
acres, 1987 1982	326 067 254 409	10 338 9 029	7 799 9 899	(D) 5 889	2 962 2 548	971 (D)	(D) (D) 3 (D) 690
Part ownersfarms, 1987	467 425	27 43	25 54	13 38	6 13	3 -	` ġ 3
acres, 1987 1982 Tenantsfarms, 1987	166 228 132 134	16 984 25 044	10 127 21 666	5 625 15 821	2 528 5 155	(D)	(D) 690
1982 acres, 1987	383 409 69 627	18 30	35 30	14 17	9 9	3 2	9
1982	67 463	6 529 8 196	10 269 6 390	(D) 3 740	1 583 1 748	(D) (D)	2 440 (D)
1987 FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	2 730 427	84	103 13	37 7	40	10	16
Family held corporationOther than family held corporation	131	9	3	<u>-</u> 1	<u>-</u>	1	2
Other—cooperative, estate or trust, institutional, etc	44	3	5	3	1	-	1
1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD				ſ			
Total sales farms \$1,000	3 342 115 934	105 6 543	124 5 673	47 2 698	42 1 004	15 883	20 1 088
Crops, including nursery and greenhouse crops farms	2 179	92	93	40	28	10	15
\$1,000 Livestock, poultry, and their products farms	51 330 2 075	2 947 62	2 706 78	1 631 24	417 29	189 10	470 15
Farms by value of sales:	64 604	3 596	2 967	1 067	588	695	618
Less then \$2,500 \$2,500 to \$9,999 \$10,000 to \$19,999	646 815	7 16	27 14	10 2	13 6	2	2 2
\$20,000 to \$24,999 \$25,000 or more	605 189 1 087	14 7 61	20 7 56	8 2 25	8 3 12	1 2 6	3 - 13
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION	, 55,	0.	30	25	12	o l	13
Cash grains (011)	1 431	55	57	34	10	4	9
Field crops, except cash grains (013) Cotton (0131) Toberos (0132)	92	1 -	6 -	1 -	5 -	-	-
Tobacco (0132) Sugarcane and sugar beets; Insh potatoes; field crops, except cash grains, n.e.c.	-	-	-	-	-	-	-
(0133, 0134, 0139)	92	1	6	1	5	-	-
Vagetables and melons (016)	13 13	-	3	1	-	2	-
Horticultural specialties (018) General farms, pnmarily crop (019)	22 46	-	- - 3	-	- 3	-	
Livestock, except dairy, poultry, and animal specialties (021)	1 365	37	43	10	18	8	7
Beef cattle, except feedlots (0212)	576	7	13	3	8	-	2
Dairy farms (024) Poultry and eggs (025)	122 38	5	6	1	2	1	2
Animal specialties (027). General farms, primarily livestock and animal	156	1	6	-	4	-	2
specialties (029)	44	4	_	_		-	~

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982—Con.

				Farms ope	ereted by Black and	other reces	
Cheracteristics	Female operators	Operators of Spanish origin ¹	Totel	Black	American Indian	Asian	Other (see text)
1987 OPERATOR CHARACTERISTICS							
Operators by place of residence: On farm operated	2 318	70	91	32	34	10	15
Not on farm opereted	806 218	34 1	27 6	14	5	4]
Operators by principal occupation: Ferming	1 848	75	76	27	24	10	19
Other	1 494	30	48	20	18	5]
Operators by days of work off farm: None	1 668	59	51	23	14	8	ϵ
Any 1 to 99 days	2 347 243	65 13	61 15	35 4	35 7	12	13
100 to 199 days	1 187	28	12	18	16	6	ĺ
200 days or more	917	24	34	13	12	5	4
Not reported	244	5	12	2	5	-	5
Operetors by years on present farm:	202	_			_		
2 years or less	269 252	7 7	11	3	5	1 2	
5 to 9 years	481	15	23	7	9	2	
10 years or more	1 722 19.9	58 17.9	54 16.6	25 17.8	20 18.0	3 15.1	11.0
Not reported	618	18	32	12	8	7	5
Operators by age group:							
Under 25 years 25 to 34 years	45 237	3 20	4	10	3 4	- 3	1
35 to 44 years	435	20	22 33	13	11	3	
45 to 54 years	552	8	24	10	11	2	1
55 to 59 years	451 461	19 13	3 5	1	- 4	1	1
65 to 69 years	416	9	12	4	-	4	1
70 years and over	745	13	21		9	2	
Average age	57.6	51.4	50.0	48.7	49.9	55.9	48.5
Operators by sex:	00	400					
Male	3 342	103 2	114 10	43 4	38 4	14	19
Operators of Spanish ongin ¹	2	105	7	3	1	-	3
1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS							
Amount received from Commodity Credit Corporation loans	952	52	38	21	7	3	
\$1,000_ Government payments receivedfarms_	19 147 1 855	1 038 72	785 54	540 22	158 15	33	54

¹See chapter 1, table 16 for operators not of or not reporting Spanish origin.

Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1987

				assats1, ever	ected capital age per farm lars)	Markat val	ua of agricultural p (\$1,000)	roducts sold
SIC code							Crops, including	
	Ferms	Land in ferms (acras)	Harvested croplend (ecres)	Land and buildings	Machinary and equipmant	Total	nursery and graenhouse crops	Livestock poultry, and their products
Total	105 180	31 838 130	20 484 178	283 597	52 644	8 926 799	3 880 117	5 268 682
Crops (01)	53 376	18 537 163	12 895 987	334 940	56 063	3 237 578	2 737 047	500 531
Cash grains (011)	50 200 28 -	18 137 472 5 619	12 688 908 1 544	346 801 160 065	57 960 31 761	3 142 700 153	2 659 099 144	483 601 9
Rice (0112) Corn (0115) Soybeans (0116) Cash grains, n.e.c. (0119)	21 086 14 957 14 129	7 297 153 4 539 472 6 295 228	5 048 964 3 337 955 4 300 445	342 528 300 474 405 098	56 371 51 998 67 100	1 173 210 712 336 1 257 002	1 113 486 695 109 850 359	59 724 17 226 406 642
Field crops, axcept cash grains (013)	1 451 - -	131 518 - -	62 399 -	86 444	15 978	10 682	10 111	571
Sugarcane and suger baets (0133) Insh potatoes (0134) Field crops, axcept cash grains, n.e.c. (0139)	1 9 1 441	(D) (D) 126 235	(D) (D) 58 560	398 700 83 966	97 000 15 323	(D) (D) 9 116	(D) (D) (D)	(D) (D)
Vegatablas and melons (016)	213	15 931	9 613	127 358	23 398	5 687	5 577	110
Fruits and tree nuts (017) Berry crops (0171). Grapes (0172) Tree nuts (0173) Citrus fruits (0174) Deciduous tree fruits (0175) Fruits and tree nuts, n.a.c. (0179)	195 41 1	7 090 (D) (D)	2 553 (D) (D)	102 381 33 500 - -	17 729 3 268 - -	2 713 264 (D)	2 654 262 (D)	59 2
Deciduous tree fruits (0175) Fruits and tree nuts, n.a.c. (0179)	104 49	4 635 1 399	1 816 478	135 898 73 377	24 506 12 057	2 260 (D)	2 210 (D)	50 7
Horticultural specialties (018) Ornamental floriculture and nursery products (0181) Food crops grown under cover (0182)	278 274 4	13 229 13 178 50	7 187 7 159 38	186 125 185 008 480 000	40 771 40 664 68 938	38 520 37 869 651	38 413 37 761 651	108 108
General farms, primarily crop (019)	1 039	231 923	125 317	191 247	30 280	37 276	21 193	16 082
Livastock and enimal specialties (02)	51 804	13 100 967	7 588 191	229 190	49 444	5 689 221	923 070	4 766 151
Livestock, excapt dairy, poultry, and animal specialties (021) Beef cattla faedlots (0211) Beef cattla, axcept feedlots (0212) Hogs (0213) Sheep and goats (0214) General livestock, except dairy, poultry, and animal specialties (0219)	43 979 7 275 10 095 19 035 1 710 5 864	11 483 078 2 510 111 1 722 370 4 696 379 80 313	6 624 630 1 514 664 503 620 3 083 708 21 274	233 016 316 540 110 139 246 360 62 592 350 151	49 112 63 844 21 931 56 366 10 190 66 118	4 946 285 1 558 119 274 761 2 362 775 29 256 723 374	836 909 170 587 39 459 414 190 2 069 210 604	4 109 376 1 385 532 235 302 1 948 585 27 187 512 770
Dairy farms (024)	4 209	997 836	621 736	224 088	61 652	392 666	38 381	354 286
Poultry and eggs (025) Broiler, fryer, and roaster chickens (0251) Chicken eggs (0252) Turkeys and turkey eggs (0253) Poultry hatcharies (0254) Poultry and eggs, n.e.c. (0259)	570 48 321 146 13 42	72 274 1 317 31 150 34 433 209 5 165	43 710 (D) 19 292 22 271 (D) 1 792	210 700 46 615 173 514 395 453 439 167 114 827	59 095 5 905 53 482 100 947 259 503 17 112	196 398 365 88 800 88 109 7 706 1 418	8 725 (D) 3 964 4 455 (D) 282	187 673 (D) 94 836 83 654 (D) 1 136
Animal specialties (027) Fur-bearing animals and rabbits (0271) Horses end other equines (0272) Animal aquaculture (0273) Animal specialties, n.e.c. (0279)	1 601 66 1 364 8 163	64 967 4 367 55 086 1 291 4 223	9 311 1 922 6 329 (D) (D)	70 620 145 980 70 287 131 250 42 105	12 621 59 182 10 777 34 375 12 995	14 105 5 419 5 082 248 3 355	749 343 306 (D) (D)	13 355 5 076 4 776 (D)
General farms, primarily livestock and animal specialties (029)	1 445	482 812	288 804	307 652	60 214	139 767	38 306	101 461

¹Deta are based on a sample of farms.

Table 19. Selected Characteristics of Abnormal Farms: 1987 and 1982

Characteristics	1987	1982	Characteristics	1987	1982
Characteristics	1301	1302			
armsnumber and in farmsacres Average size of farmacres	45 19 811 440	22 410 509	Market value of agricultural products sold \$1,000 Average per farmdollars	4 431 98 462	5 752 130 727
			Crops, including nursery and greenhouse	1 080	1 153
/alue of land and buildings1\$1,000 Average per farmdollars	24 798 551 067	43 498 988 591	crops \$1,000 _ Livestock, poultry, and their products \$1,000 _	3 351	4 599
Average per acradollars	1 252	1 941	Total farm production expenses 1 \$1,000 _ Average per farmdollars _	3 564 79 204	(NA) (NA)
Estimated market value of all machinery and			Tenure of operator:		
equipment ¹ \$1,000.	2 575	3 478	Full owners	25 9	27 9
Land in farms according to use:	1		Tenants	11	8
Total cropland farms	41	41			
acres	12 183 40	15 811 39	Abnormal farms by standard industrial classification:		
Harvested cropland farms acres	8 776	12 308	Cash grains (011)	15	15
Cropland used only for pasture or grazing farms	18	18	Field crops, except cash grains (013)	1	i
acras	2 309	1 708	Cotton (0131)	-	
Other cropland farms	22	(NA) 1 795	Tobacco (0132)	-	-
ecres	1 098	1 /95	field crops, except cash grains, n.a.c.		
Total conditions	16	8	(0133, 0134, 0139)	1	· ·
Total woodland farms acres	1 981	463			
Woodland pastured farms	7	5	Fruits and tree puts (017)		
acres	(D)	396	Horticultural specialties (018)	-	
Woodland not pasturad farms acres	11 (D)	3 67	General farms, primarily crop (019)	1	•
			Livestock, except dairy, poultry, and animal		
Pastureland and rangeland other than			specialties (021)	22	20
cropland and woodland pastured farms	19	13	Beef cattle, except feedlots (0212)	2	;
acres	3 881	3 070	Barri (2004)	2	
Land in house lots, ponds, roads, westeland,	35	38	Dairy farms (024)Poultry and eggs (025)	1	:
atc	1 766	3 066			
Irrigated land farms	. 700	-	General farms, primarily livestock and animal		
acras	-	_	specialties (029)	3	:

¹Deta are based on a sample of farms.

Table 20. Livestock and Poultry-Inventory and Sales: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

		Inventory			Sales	
tem	Farms	Number	Value¹ (\$1,000)	Farms	Number	Value (\$1,000
Livestock end poultry 198	2 85 897	(X) (X)	3 474 370 3 746 734	72 438 85 613	(X) (X)	5 266 682 5 685 846
Poultry	7 6 472 2 9 281	(X) (X) (X)	4 035 312 27 306 25 257	93 571 3 643 5 208	(X) (X) (X)	5 039 742 192 229 164 052
197 Livestock 198 197	7 72 312 2 85 041	(X) (X) (X) (X)	23 997 3 447 064 3 721 477 4 011 315	7 168 71 761 84 897 92 749	(X) (X) (X) (X) (X)	144 609 5 074 453 5 521 794 4 895 133
Any cattle, hogs, or sheep198 198 197	2 81 743	(X) (X) (X)	3 417 395 3 700 966 4 001 977	70 301 83 639 91 745	(X) (X) (X)	4 665 030 5 077 366 4 569 703
Cattle and calves 198	2 62 412	4 303 682 5 822 488	2 353 512 2 358 051	50 509 62 765	3 539 020 4 595 676	2 124 641 2 500 175
197 Cows and heifers that had calved 198 198 199	7 38 373 2 48 561	6 531 710 1 418 633 1 876 061 1 946 154	2 660 650 948 493 961 016 1 019 021	70 693 (NA) (NA)	5 457 944 (NA) (NA)	2 483 937 (NA (NA
Beef cows	7 32 279 2 41 117	1 123 745 1 536 397 1 606 685	674 247 614 559 771 209	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	AA) (AA) (AA) (AA)
Milk cows	7 748 2 10 485	294 888 339 664 339 469	274 246 346 457 247 812	(NA) (NA) (NA) (NA)	(NA) (NA) (NA)	(NA (NA (NA
Hogs and pigs	2 45 768	12 983 074 14 332 644	1 019 173 1 318 599	38 638 49 012	23 483 812 23 801 117	2 494 231 2 550 488
Faeder pigs sold	7 (X) 2 (X)	14 695 418 (X) (X) (X) (X)	1 315 240 (X) (X) (X) (X)	60 065 8 972 10 819 12 676	22 082 311 4 460 979 4 308 866 3 851 207	2 061 298 209 249 207 325 170 594
Shaep and lambs ²	2 9 988	451 617 486 316	44 710 24 316	8 806 10 327	607 492 496 676	46 157 26 703
Horses and ponies198 198 199	7 11 647 2 14 106	380 824 59 338 68 368 62 257	26 086 29 669 20 510 9 339	8 933 2 453 2 917 2 659	394 255 9 909 10 809 9 590	24 468 7 487 10 709 6 750
Chickens 3 months old or older3 198	2 7 637	9 580 666 9 584 663	15 192 16 429	908 2 156	9 873 596 10 248 391	(NA) (NA)
Hens and pullets of laying age	7 4 834 2 7 543	9 343 813 8 212 576 8 234 227 8 107 303	16 077 13 140 13 998 14 593	3 326 847 2 095 3 248	10 607 149 5 606 848 5 274 345 6 133 863	(AA) (NA) (NA) (NA)
Broilers and other meat-type chickens	2 1 991	255 584 215 257	176 129	1 060 1 041	666 016 429 389	(NA) (NA)
Turkeys	7 895 2 841	278 826 2 437 135 1 493 036 1 421 183	223 11 938 8 699 7 697	1 142 407 337 278	675 938 9 594 632 7 297 838 6 677 299	(NA) (NA) (NA) (NA)

Table 21. Poultry-Inventory and Sales: 1987 and 1982

ltem		1987		1982	ltem .		1987		1982
nem	Farms	Number	Farms	Number	nem	Farms	Number	Farms	Number
INVENTORY					SALES				
Chickens 3 months old or older	4 897	9 580 666	7 637	9 584 663	Hens and pullets1	908	9 873 596	2 156	10 248 391
1 to 3,199 3,200 to 9,999 10,000 or more	4 631 93 173	387 751 614 487 8 578 428	7 282 149 206	753 238 996 660 7 834 765	1 to 3,199	616 121 171	128 910 776 486 8 968 200	1 784 196 176	430 275 1 210 198 8 607 918
Hens and pullets of laying age	4 834	8 212 576	7 543	8 234 227	Hens and pullets of laying age	847	5 606 848	2 095	5 274 345
1 to 99	3 623 816	97 719 147 691	5 220 1 634	149 793 300 088	1 to 99 100 to 399	325 201	11 492 36 943	645 910	26 677 183 069
400 to 3,199 3,200 to 9,999 10,000 to 19,999	151 90 79	114 111 606 452 999 137	350 150 105	256 674 1 001 603 1 373 243	400 to 3,199 3,200 to 9,999 10,000 to 19,999	69 117 75	70 250 754 906 995 681	215 192 75	216 965 1 185 234 998 747
20,000 to 49,999 50,000 to 99,999 100,000 or more	39 22 14	1 212 090 1 455 372 3 580 004	53 19 12	1 616 385 1 127 219 2 409 222	20,000 to 49,999 50,000 to 99,999 100,000 or more	34 15 11	1 083 418 1 066 833 1 587 325	41 12 5	1 264 946 759 314 639 393
Broilers and other meat-type chickens	1 541 895 680 345	255 584 2 437 135 2 365 246 71 889	1 991 841 624 355	215 257 1 493 036 1 392 558 100 478	Broilers and other meat-type chickens _ Turkeys	1 060 407 382 44	666 016 9 594 632 9 527 469 67 163	1 041 337 314 37	429 389 7 297 838 7 216 491 81 347
Ducks, geese, and other poultry	1 509	(X)	1 977	(X)	Ducks, geese, and other poultry	387	(X)	431	(X)

¹Sales for 1987 include pullets of less than 3 months old.

¹Data are estimated; see text. ²Value of sales includes sheep, lambs, and wool sold. ³Sales for 1987 include pullets of less than 3 months old.

Table 22. Broilers and Started Pullets-Sales: 1987 and 1982

(For meaning of abbreviations and symbols, see introductory text)

	Bro	oilers and other me	et-type chickens		Pullets not o	f laying age	Pullets 3 months of layin		
Number sold	198	37	1982		198	87	1982		
	Ferms	Number	Farms	Number	Farms	Number	Fərms	Number	
Total	1 060	666 016	1 041	429 389	86	4 266 748	86	4 974 048	
Farms with— 1 to 1,999 2,000 to 15,999 16,000 to 29,999 30,000 to 59,999 60,000 to 99,999	1 021 33 3 2	231 336 140 880 63 500 (D)	1 012 24 3 2	188 795 107 594 (D) (D)	42 6 5 7	7 991 35 814 117 000 340 000 768 858	29 8 9 6 15	(D) (D) 219 500 273 500 1 153 125	
100,000 to 199,999 200,000 to 499,999 200,000 to 299,999 300,000 to 499,999 500,000 or more	1 - - - -	(D) - - - -	(NA) (NA)	(NA) (NA)	9 5 (NA) (NA)	1 191 060 (D) (NA) (NA) (D)	13 6 (NA) (NA)	1 861 203 1 410 000 (NA) (NA)	

Table 23. Poultry-Inventory and Sales by Size of Flock: 1987

					In	vantory				
		C	Chickens 3 mo	onths old or older			Dollar attic		D	
Chickens 3 months old or older	T	otal		Hens and pullets of laying aga		Pullets 3 months old or older not of laying age		s and pullets months old	Broilers and other meat-type chickens	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Numbe
otal inventory	4 897	9 580 666	4 834	8 212 576	487	1 368 090	94	953 199	806	97 58
1 to 99 100 to 399 400 to 1,599 1,600 to 3,199 3,200 to 9,999 10,000 to 19,999	3 615 841 158 17 93 82	100 544 152 725 96 464 38 018 614 487 1 033 012	3 582 832 158 16 89 81	95 299 144 079 86 119 30 464 591 137 1 001 212	311 106 32 5 6	5 245 8 646 10 345 7 554 23 350 31 800	61 18 1 2 1 2	1 608 1 671 (D) (D) (D)	658 119 26 - 3	69 60 16 38 10 72 88
20,000 to 49,999 50,000 to 99,999 100,000 or more	50 25 16	1 508 490 1 703 922 4 333 004	40 21 15	1 228 890 1 396 872 3 638 504	11 4 8	279 600 307 050 694 500	1 2 6	(D) (D) 865 500	-	
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	23	427 844	735	157 99
					;	Sales				
			Hens a	end pullets			Brodore	and other	Poultry an	nd poultry
Chickens 3 months old or older	ו	otal		nd pullets of ng age	Pullets not	of laying age		e chickens	prod	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value (\$1,000
Total inventory	805	7 395 576	772	5 308 805	55	2 086 771	374	121 908	2 454	95 22
1 to 99 100 to 399 400 to 1,599 1,600 to 3,199 3,200 to 9,999 10,000 to 19,999 20,000 to 49,999 50,000 to 99,999 100,000 or more	259 201 72 9 93 82 49 25	104 268 32 536 29 156 20 314 520 970 870 037 1 607 911 1 754 837 2 455 547	249 199 71 8 90 81 39 21	103 799 31 521 27 738 (D) 503 340 (D) 920 911 1 114 812 1 745 547	18 7 4 2 5 1 1 11 4 3	469 1 015 1 418 (D) 17 630 (D) 687 000 640 025 710 000	272 79 18 1 4 - -	78 176 26 315 (D) (D) 1 992	1 192 823 157 16 93 82 50 25 16	79 1 35 72: 48: 5 47: 9 20: 12 800 18 59: 45 802
No inventory	103	2 478 020	75	298 043	31	2 179 977	686	544 108	1 189	97 00

Table 24. Turkeys—Sales by Number Sold Per Farm: 1987

Turkays	Total		Sales for staug	ghter	Sales of hens kept for breeding		
Turkays	Farms	Number	Farms	Number	Farms	Numbe	
Total sold	407	9 594 632	382	9 527 469	44	67 16	
1 to 1,999	228	11 010	213	9 097	28	1 91:	
2,000 to 7,999	36	175 823	26	135 773	10	40 05	
8,000 to 15,999	21	229 178	21	(D) (D)	1	(E	
16,000 to 29,999	36	809 655	36	(D) l	1	(0	
30,000 to 59,999	43	1 849 412	43	1 849 412	- 1		
60,000 to 99,999	25	1 864 376	25	(D) 4 642 978	1	([
100,000 or more	18	4 655 178	18	4 642 978	3	(E 12 20	

Table 25. Cattle and Calves-Inventory: 1987 and 1982

lla-m	19	87	1!	982
Item	Farms	Number	Farms	Number
Cattle and calves	49 469	4 303 682	62 412	5 822 488
Farms with —				
1 to 9	4 928	25 026	5 919	29 783
10 to 19	5 734	80 721	6 410	91 276
20 to 49	13 985	458 833	16 782	557 424
50 to 99	12 289	863 466	15 755	1 106 87
100 to 199	8 310	1 111 080	11 296	1 521 816
200 to 499	3 423	961 296	5 122	1 450 80
500 to 999	587	386 611	837	546 17
1,000 to 2,499	166	230 656	248	338 51
2.500 or mora	47	185 993	43	179 81
2,500 of mora	47	165 993	43	1/9 613
Cows and heifers that had calved	38 373	1 418 633	48 561	1 876 061
Farms with—				ŀ
1 to 9	6 127	31 086	7 297	35 765
10 to 19	7 851	110 322	9 493	133 573
20 to 49	15 214	477 588	19 486	611 326
50 to 99	7 007	457 594	9 154	597 564
100 to 199	1 826	226 660	2 570	318 379
200 to 499	310	83 457	504	132 418
500 to 999	31	19 485	44	26 860
1,000 or more	7	12 441	13	20 176
Beaf cows	32 279	1 123 745	41 117	1 536 397
Farms with—				
1 to 9	5 883	30 117	6 937	34 856
10 to 19	7 337	102 885	8 774	123 148
20 to 49	12 314	378 182	15 819	487 54
50 to 99	4 965	325 104	6 903	452 663
100 to 199	1 467	182 308	2 152	267 290
200 to 499	276	74 024	476	124 724
500 to 999	30	18 684	478	26 000
1,000 or more	30	12 441	13	20 175
1,000 01 110/8	'	12 441	13	20 173
Milk cows	7 748	294 888	10 485	339 664
Farms with—				
1 to 4	880	1 434	1 774	2 634
5 to 9	278	1 983	388	2 713
10 to 29	2 008	39 483	3 010	58 216
30 to 49	2 332	88 813	2 983	111 564
50 to 99	1 955	123 685	2 048	128 748
100 to 199	272	32 759	264	30 962
200 to 499	22	(D)	18	4 82
500 or mora	1	(Ď)	, <u> </u>	1
Makes and have achieve				4 000 500
Heifers and heifer calves Steers, steer calves, bulls, and bull calves	38 383 42 527	1 275 321 1 609 728	48 981 54 603	1 663 560 2 282 867
	72 JE1	1 700 /20	. 57 000	_ LOL 00

Table 26. Cattle and Calves-Sales: 1987 and 1982

		1987			1982	
Item	Ferms	Number	Velue (\$1,000)	Ferms	Number	Value (\$1,000)
Cattle and caives sold	50 509	3 539 020	2 124 641	62 765	4 595 676	2 500 175
1 to 9 10 to 19 20 to 49 50 to 99 100 to 199 200 to 499 500 to 999 1,000 to 2,499 2,500 or more	9 997 10 678 16 239 7 185 3 336 2 052 643 286 93	50 706 149 712 505 387 487 377 446 583 605 600 425 222 402 877 465 556	23 405 68 066 241 719 259 649 262 424 385 324 284 098 274 763 325 193	11 711 12 552 20 119 9 131 4 839 3 026 954 339 94	59 919 175 684 625 988 619 954 652 197 892 200 623 877 488 430 457 427	23 638 69 181 261 229 291 799 346 453 517 394 384 395 307 338 298 747
Cattle sold	43 833	3 183 624	2 023 290	53 792	4 100 923	2 377 742
1 to 9 10 to 19 20 to 49 50 to 99 100 to 199 200 to 499 500 to 999 1,000 or more	10 808 8 851 12 448 5 856 2 967 1 923 611 369	50 980 122 463 386 556 398 851 398 311 569 886 404 836 851 741	26 248 63 737 209 885 231 587 246 730 374 362 276 763 593 978	13 144 10 232 14 694 7 284 4 268 2 837 912 421	61 390 141 106 455 982 496 873 577 292 840 224 597 785 930 271	27 515 65 267 222 674 258 859 324 310 502 541 376 389 600 187
Cattle fettened on grain and concentrates sold	22 503	2 405 669	1 643 176	28 535	3 140 912	1 966 120
Farms with— 1 to 9 10 to 19 20 to 49 50 to 99 100 to 199 200 to 499 500 to 999 1,000 to 2,499 2,500 or more	4 447 3 847 6 270 3 433 2 044 1 596 526 254 86	20 705 53 578 196 879 236 926 278 518 477 160 347 116 357 730 437 057	12 596 33 372 124 824 156 262 186 559 326 634 244 581 252 811 305 537	5 179 4 616 7 660 4 440 3 137 2 320 798 294 91	24 358 64 246 241 050 305 288 426 263 692 886 524 036 427 677 435 108	13 224 35 704 137 986 179 257 259 155 432 935 340 187 279 924 287 746
Calves sold	16 116	355 396	101 352	21 612	494 753	122 433
1 to 9	6 057 4 373 4 340 960 276 81 29	26 638 59 443 125 659 62 243 34 689 22 165 24 559	7 140 15 934 35 361 19 102 10 673 5 664 7 477	7 609 5 718 6 217 1 526 391 124 27	34 568 77 535 181 298 99 333 49 406 32 744 19 869	7 691 17 721 43 405 26 529 13 933 8 356 4 797

Table 27. Cattle and Calves—Inventory and Sales by Size of Herd: 1987

				Cattle and calv	es inventory								
Cattle and calves		otal	Cows end heifers that had calved			Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		Cattle and calves sales			
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)		
Forms with —	49 469	4 303 682	38 373	1 418 633	38 383	1 275 321	42 527	1 609 728	47 765	3 380 301	2 027 307		
1 to 9 10 to 19	4 928 5 734	25 026 80 721	2 578 4 085	8 724 34 848	2 740 3 830	6 703 20 452	3 382 4 578	9 599 25 421	3 241 5 732	33 249 71 280	17 660 34 253		
20 to 49 50 to 99	13 985 12 289	458 833 863 466	11 449 10 511	212 806 373 474	10 718 10 459	113 592 235 143	12 157 11 018	132 435 254 849	13 982 12 285	308 700 503 051	147 510 261 766		
100 to 199 200 to 499	8 310 3 423	1 111 080 961 296	6 985 2 432	430 651 267 208	7 249 2 795	328 774 293 824	7 554 3 135	351 655 400 264	8 306 3 419	655 903 774 033	368 754 488 280		
500 to 999 1,000 to 2,499	587 166	386 611 230 656	262 62	56 900 23 265	432 123	132 057 74 884	510 150	197 654 132 507	587 166	435 424 301 811	293 74 207 093		
2,500 or more	47	185 993	9	10 757	37	69 892	43	105 344	47	296 850	208 24		
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2 744	158 719	97 33		

Table 28. Cattle and Calves-Inventory and Sales by Size of Cow Herd: 1987

[For meening of abbrevietions and symbols, see introductory text]

				Cettle and calve	es inventary						
Cows and heifers that had calved	Totel		Cows and heifers that had calved			Heifers and heifer calves		er calves, oull calves	Cattle and calves seles		
Total inventory	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total inventory	38 373	3 074 811	38 373	1 418 633	32 129	811 572	33 871	844 606	37 520	1 721 170	921 605
1 to 45 to 9	2 601 3 526	28 356 60 388	2 601 3 526	6 605 24 481	1 828 2 766	9 911 16 875	1 952 2 981	11 840 19 032	1 845 3 444	24 758 39 917	13 333 19 763
10 to 19	7 851	250 658	7 851	110 322	6 358	63 829	7 033	76 507	7 847 6 715	154 563 205 083	76 941 105 274
20 to 29 30 to 49	6 717 8 497	350 074 686 231	6 717 8 497	159 158 318 430	5 644 7 3 6 7	91 426 185 375	6 061 7 563	99 490 182 426	8 494	352 395	182 152
50 to 99	7 007 1 826	986 449 481 739	7 007 1 826	457 594 226 660	6 264 1 620	265 105 124 662	6 316 1 668	263 750 130 417	7 004 1 824	511 089 269 383	275 219 151 511
200 to 499	310	171 880	310	83 457 19 485	254 23	42 579 9 510	268 24	45 844 13 228	309	114 479 36 533	67 713 23 082
1,000 or more	31 7	42 223 16 813	31 7	12 441	5	2 300	5	2 072	7	12 970	6 617
No inventory	11 096	1 228 871	(X)	(X)	6 254	463 749	8 656	765 122	12 989	1 817 850	1 203 036

Table 29. Cattle and Calves-Inventory and Sales by Size of Beef Cow Herd: 1987

					Cattle and calv	es inventory				
		Total		Cows and heifers that had calved					Steers, steer calves, bulls,	
Beaf cows	lat			Total Be		ows	Heifers and heifer calves		and bull calves	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	32 279	2 540 997	32 279	1 166 956	32 279	1 123 745	26 480	623 842	29 284	750 199
1 to 4	2 455 3 428	34 766 67 301	2 455 3 428	10 960 28 202	2 455 3 428	6 367 23 750	1 773 2 702	11 772 19 009	1 903 2 945	12 034 20 091
10 to 19 20 to 29	7 337 5 858	248 891 321 177	7 337 5 858	110 867 146 217	7 337 5 858	102 885 138 371	5 914 4 869	61 198 80 037	6 68 3 5 416	76 826 94 923
30 to 49	6 456	538 488	6 456	249 312	6 456	239 811	5 410	131 640 174 489	6 004 4 694	157 536 218 077
50 to 99 100 to 199	4 965 1 467	724 0 61 395 967	4 965 1 467	331 495 184 155	4 965 1 467	325 104 182 308	4 292 1 270	97 086	1 371	114 726
200 to 499 500 to 999	276 30	152 110 41 423	276 30	74 622 18 685	276 30	74 024 18 684	222	36 802 9 510	239 24	40 686 13 228
1,000 or more	7	16 813	7	12 441	7	12 441	5	2 300	5	2 072
No inventory	17 190	1 762 685	6 094	251 677	(X)	(X)	11 903	651 479	13 243	859 529

	Cattle and caives sales												
		Cattle									Calves		
Beef cows	Total				Total			Fattened on grain and concentrates			Calves		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	
Total inventory Farms with —	31 561	1 530 934	838 552	26 843	1 301 587	766 957	13 009	829 026	548 328	10 475	229 347	71 595	
1 to 4	1 805	23 487	12 148	1 513	19 357	11 057	621	9 933	6 414	671	4 130	1 091	
5 to 9	3 369	41 896	20 696	2 755	33 099	18 126	1 105	16 270	10 154	1 260	8 797 30 706	2 571 9 307	
10 to 19	7 333	151 703	76 251	6 053	120 997 157 034	66 944 89 954	2 526 2 370	64 978 95 191	41 257 62 106	2 687 1 991	35 632	10 669	
20 to 29	5 857 6 454	192 666 303 710	100 623 163 131	4 943 5 551	251 271	146 237	2 920	158 627	104 378	2 021	52 439	16 894	
50 to 99	4 964	426 132	237 295	4 396	366 002	218 216	2 465	238 510	159 653	1 408	60 130	19 079	
100 to 199	1 467	236 964	136 203	1 337	210 848	127 476	811	142 088	95 062	369	26 116	8 726	
200 to 499	275	105 773	62 686	262	99 189	60 373	165	66 863	44 416	57	6 584	2 313	
500 to 999	30	35 633	22 902	28	34 026	22 325	23	28 779	19 789	7	1 607	577	
1,000 or mare	7	12 970	6 617	5	9 764	6 249	3	7 787	5 099	4	3 206	368	
No inventory	18 948	2 008 086	1 286 090	16 990	1 882 037	1 256 333	9 494	1 576 643	1 094 849	5 641	126 049	29 757	

Table 30. Cattle and Calves-Inventory and Sales by Size of Milk Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

				Cattle and calve	s inventory				
		С	ows and helfers to	hat had calved				Steers steer c	alves bulls
iot	ai -	Total		al Milk cows		Helfers and helfer ceives		end bull calves	
Farms	Number	Farms	Number	Ferms	Number	Ferms	Number	Farms	Numbe
7 748	709 720	7 748	339 792	7 748	294 888	7 151	231 254	6 143	138 674
880 278	35 473 8 100	880	14 969	880	1 434	690	9 775	716	10 729 2 04
870	34 062	870	15 522	870	12 357	768	10 210	681	8 33
						1 046		922	13 47
2 332					122 606				39 53
							23 739		48 996 11 49
22								17	4 06
1	(D)	1	(D)	1	(D)			- '-	
41 721	3 593 962	30 625	1 078 841	(X)	(X)	31 232	1 044 067	36 384	1 471 05
	Farms 7 748 880 278 870 1 138 2 332 1 955 272 22 1	7 748 709 720 880 35 473 278 8 100 670 34 062 1 138 65 941 2 332 205 417 1 955 275 147 272 69 923 22 (D) 1 (D)	Total Total Tot Farms Number Farms 7 748 709 720 7 748 880 35 473 880 278 8 100 278 870 34 062 870 1 138 65 941 1 138 2 332 205 417 2 332 1 955 275 147 1 955 272 69 923 272 22 (D) 22 1 (D) 1	Total Total Farms Number Farms Number 7 748 709 720 7 748 339 792 880 35 473 880 14 969 278 8 100 278 3 856 870 34 062 870 15 522 1 138 65 941 1 138 32 068 2 332 205 417 2 332 99 120 1 955 275 147 1 955 132 454 272 69 923 272 34 687 22 (D) 22 (D) 1 (D) 1 (D)	Total Total Milk co Farms Number Farms Number Ferms 7 748 709 720 7 748 339 792 7 748 880 35 473 880 14 969 880 278 8 100 278 3 856 278 870 34 062 870 15 522 870 1 138 65 941 1 138 32 068 1 138 2 332 205 417 2 332 99 120 2 332 1 955 275 147 1 955 132 454 1 955 272 69 923 272 34 687 272 22 (D) 22 (D) 22 1 (D) 1 (D) 1	Total Total Milk cows Farms Number Farms Number Ferms Number 7 748 709 720 7 748 339 792 7 748 294 888 880 35 473 880 14 969 880 1 434 278 8 100 278 3 856 278 1 983 870 34 062 870 15 522 870 12 357 1 138 65 941 1 138 32 068 1 138 27 126 2 332 205 417 2 332 99 120 2 332 86 813 1 955 275 147 1 955 132 454 1 955 123 685 272 69 923 272 34 687 272 32 759 22 (D) 22 (D) 22 (D) 1 (D) 1 (D)	Total Total Milk cows Farms Number Farms Number Ferms Number Ferms 7 748 709 720 7 748 339 792 7 748 294 888 7 151 880 35 473 880 14 969 880 1 434 690 278 8 100 278 3 856 278 1 1983 230 870 34 062 870 15 522 870 12 357 768 1 138 65 941 1 138 32 068 1 138 27 126 1 046 2 332 205 417 2 332 99 120 2 332 88 813 2 240 1 1 955 275 147 1 1955 132 454 1 1955 123 685 1 892 272 69 923 272 34 687 272 32 759 265 22 (D) 22 (D) 22 (D) 20 1 (D) 1 (D) 1 (D) -	Total	Total Milk cows Heifers and helfer celves Steers, steer conditions

			Ca	ittle and calves se	les			Dairy product sales		
Milk cows	Total			Ce	ittle	Ca	lves	Daily product sales		
	Ferms	Number	Value (\$1,000)		Number	Farms	Number	Farms	Value (\$1,000)	
Total inventoryFarms with—	7 583	260 509	118 176	6 474	185 514	4 186	74 995	6 855	387 875	
1 to 4 5 to 9	738 261	20 405 3 686	10 276 1 655	610 215	15 842 2 731	316 138	4 563 955	100 194	322	
10 to 19	870	15 262	6 709	723	10 580	469	4 682	841	1 471 12 786	
20 to 29	1 137	25 924	11 171	977	17 807	661	8 117	1 138	31 212	
30 to 49	2 331	70 730	30 539	1 994	49 729	1 325	21 001	2 332	113 382	
50 to 99	1 953	91 098	41 360	1 698	63 967	1 122	27 131	1 955	170 936	
100 to 199	270	25 443	12 103		18 627	140	6 616	272	47 818	
200 to 499	22	(D) (D)	(D) (D)	20	(D) (D)	14	(D) (D)	22	(D) (D)	
500 or more	1	(D)	(D)	1	(D)	1	(D)	1	(D)	
No inventory	42 926	3 278 511	2 006 465	37 359	2 998 110	11 930	280 401	193	4 409	

Table 31. Cattle and Calves—Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

				Cettle					Calves			
Cattle and calves		attle and calve	is	Total			Fattened on grain and concentrates			Calves		
ntal sold	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Ferms	Number	Value (\$1,000)
otal sold	50 509	3 539 020	2 124 641	43 833	3 183 624	2 023 290	22 503	2 405 669	1 643 176	16 116	355 396	101 352
1 to 45 to 9	4 211 5 786	10 911 39 795	5 206 18 199	3 391 4 669	8 273 28 834	4 472 15 087	1 313 1 859	3 254 11 196	2 002 6 836	1 201 2 086	2 638 10 961	73 3 11
10 to 19 20 to 49	10 678 16 239	149 712 505 387	68 066 241 719	8 783 14 126	107 112 384 917	56 216 208 407	3 604 6 732	44 128 183 941	27 287 116 583	4 125 5 815	42 600 120 470	11 85 33 31
50 to 99 100 to 199	7 185 3 336	487 377 446 583	259 649 262 424	6 654 3 197	410 889 404 493	237 234 249 852	3 988 2 371	237 756 287 350	156 273 192 284	1 942 619	76 488 42 090	22 41 12 57
200 to 499	2 052 643	605 600 425 222	385 324 284 098	2 010 628	576 201 408 472	377 226 279 349	1 718 571	482 338 357 988	329 727 252 056	243 59	29 399 16 750	8 09 4 74
1,000 or more	379	868 433	599 956	375	854 433	595 447	347	797 718	560 127	26	14 000	4 5

Table 32. Hogs and Pigs-Inventory: 1987 and 1982

W	19	87	19	982
Item	Ferms	Number	Farms	Number
Total hogs and pigs Farms with— 1 to 24 25 to 49 50 to 99 100 to 199 200 to 499 500 to 999 1,000 to 1,999 2,000 to 4,999 5,000 or more	36 670 3 530 2 560 4 220 6 766 11 269 5 768 2 010 499	12 983 074 42 649 91 005 299 808 951 249 3 523 643 3 837 424 2 576 756 1 334 486 326 054	45 768 4 636 3 419 5 723 9 005 13 906 6 612 2 003 437 27	14 332 644 55 308 121 726 407 805 1 249 137 4 276 523 4 358 898 2 545 851 1 144 361 173 035
Hogs and pigs used or to be used for breeding	26 944 8 545 6 939 6 848 3 467 1 145	1 657 873 113 898 241 469 459 585 441 236 401 685	34 170 13 627 8 997 7 353 3 204 989	1 700 805 178 458 310 234 482 575 400 935 328 603
Other hogs and pigs	35 152	11 325 201	43 491	12 631 839

Table 33. Hogs and Pigs-Sales: 1987 and 1982

[For meaning of ebbreviations and symbols, see introductory text]

		1987			1982	
Item	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total hogs and pigs sold	38 638	23 483 812	2 494 231	49 012	23 801 117	2 550 488
1 to 24	2 320 2 040 3 389 5 290 10 628	28 689 72 957 244 473 747 604	3 332 8 125 26 817 81 699	3 196 2 818 5 243 8 250	38 947 101 822 (D) (D)	4 626 11 441 (D) (D)
200 to 499. 500 to 999 1,000 to 1,999 2,000 to 4,999 5,000 or more	8 115 4 890 1 692 274	3 394 492 5 645 377 6 483 827 4 542 237 2 324 156	371 740 620 810 706 344 481 239 194 125	14 256 9 076 4 627 1 332 214	4 514 106 6 253 614 6 036 335 3 573 202 1 743 358	496 158 683 560 653 560 383 990 146 022
Feeder pigs sold	8 972	4 460 979	209 249	10 819	4 308 866	207 325
1 to 9	204 1 372 1 290 1 567 2 251 1 277 1 011	1 228 37 956 89 556 216 842 687 229 878 264 2 549 904	54 1 692 4 110 9 965 31 838 41 530 120 061	267 1 804 1 815 2 045 2 647 1 340 901	1 541 51 783 127 701 277 148 812 084 898 718 2 139 891	73 2 390 6 066 13 104 38 488 43 457 103 748
Other hogs and pigs sold	36 810	19 022 833	2 284 913	46 466	19 492 251	2 343 163
1 to 24 25 to 49 50 to 99 100 to 199 200 to 499 500 to 999 1,000 to 1,999 2,000 to 4,999 5,000 or more	3 410 2 440 3 565 5 186 9 586 7 111 4 056 1 315	40 807 86 712 253 472 728 018 3 053 142 4 935 353 5 358 821 3 529 553 1 036 955	5 530 11 054 31 399 89 062 369 403 593 889 641 774 420 422 122 380	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(AA) (AA) (AA) (AA) (AA) (AA) (AA)

Table 34. Hogs and Pigs-Litters Farrowed: 1987 and 1982

Littars	1987		1982	
Littais	Farms	Number of fitters	Farms	Number of litters
itters farrowed between Dec. 1 of precading year and Nov. 30 Farms with	28 037	2 495 867	35 737	2 548 849
1 to 9 10 to 19 20 to 49	2 576 2 902	12 408 39 814	3 770 4 576	17 858 62 244
50 to 99 100 to 199	7 789 6 667 5 244	250 352 462 052 700 200	11 352 8 219 5 416	360 350 560 610 711 600
200 to 499	2 469 390	679 035 352 006	2 091 313	565 72 270 45
Dec. 1 of preceding year and May 31 June 1 and Nov. 30	26 110 25 992	1 251 973 1 243 894	32 787 32 268	1 278 535 1 270 314

Table 35. Hogs and Pigs—Inventory and Sales by Size of Herd: 1987

			Hogs and p	igs inventory					Hogs and pi	igs sales		
Hogs and pigs	To	otal		be used for seding	Other ho	gs and pigs		Total			Feeder pigs	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total inventory	36 670	12 983 074	26 944	1 657 873	35 152	11 325 201	36 338	22 959 767	2 434 554	8 752	4 422 009	207 447
1 to 9 10 to 24	1 349 2 181	6 579 36 070	591 1 373	2 548 15 376	1 002 1 608	4 031 20 694	1 019 2 181	53 253 201 783	5 577 18 773	225 629	10 147 69 034	399 2 996
25 to 99 100 to 199 200 to 499	6 780 6 766 11 269	390 813 951 249 3 523 643	4 493 4 960 8 616	90 629 149 567 447 677	6 273 6 699 11 249	300 184 801 682 3 075 966	6 778 6 766 11 269	1 091 059 1 909 062 6 265 360	106 522 196 232 668 121	1 695 1 565 2 547	320 690 436 165 1 157 600	14 025 20 178 54 753
500 to 999 1,000 or more	5 768 2 557	3 837 424 4 237 296	4 666 2 245	434 512 517 564	5 766 2 555	3 402 912 3 719 732	5 768 2 557	6 323 283 7 115 967	703 331 735 998	1 304	781 330 1 647 043	38 250 76 844
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	2 300	524 045	59 678	220	38 970	1 802

Table 36. Hogs and Pigs-Inventory and Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

		1	Hogs and p	igs inventory					Hogs and p	igs sales		
Hogs and pigs	To	otal		be used for eding	Other ho	gs and pigs		Total			Feeder pigs	
	Farms	Number	Farms	Number	Ferms	Number	Ferms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Totel sold	36 338	12 981 717	26 871	1 657 605	34 868	11 324 112	38 638	23 483 812	2 494 231	8 972	4 460 979	209 249
1 to 9 10 to 49	673 2 921	17 022 129 479	280 1 582	2 000 16 738	620 2 694	15 022 112 741	853 3 507	4 226 97 420	514 10 943	37 464	216 10 397	9 449
50 to 99	3 019	219 648	1 983	31 850	2 763	187 798	3 389	244 473	26 817	660	34 720	1 486
100 to 199	4 867	576 636	3 475	76 904	4 551	499 732	5 290	747 604	81 699	1 078	106 806	4 699
200 to 499	10 152	2 179 344	7 799	279 575	9 758	1 899 769	10 628	3 394 492	371 740	2 461	511 057	23 255
500 to 999	7 941	3 227 276	6 285	403 021	7 778	2 824 255	8 115	5 645 377	620 810	2 091	813 589	38 048
1,000 or mare	6 765	6 632 312	5 467	847 517	6 704	5 784 795	6 856	13 350 220	1 381 708	2 181	2 984 194	141 304
None sold	332	1 357	73	268	284	1 089	(X)	(X)	(X)	(X)	(X)	(X)

Table 37. Hogs and Pigs-Inventory, Sales, and Litters by Total Litters Farrowed: 1987

[For meaning of abbreviations and symbols, see introductory text]

			Hogs and p	igs inventory					Hogs and p	igs sales		
Litters farrowed	To	otal		be used for eeding	Other ho	gs and pigs		Total			Feeder pigs	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Farms with—	27 583	10 692 819	26 938	1 657 790	26 071	9 035 029	27 950	18 739 727	1 932 309	8 963	4 454 079	208 859
1	217	5 894	183	732	169	5 162	203	6 731	765	65	471	21
2 to 4	928	38 693	799	4 040	766	34 653	947	68 048	7 688	252	4 988	210
5 to 9	1 264	85 995	1 155	14 048	1 075	71 947	1 339	130 218	14 437	391	17 474	721
10 to 19	2 796	250 601	2 678	43 153	2 474	207 448	2 902	377 962	40 679	830	61 461	2 650
20 to 49	7 662	1 274 891	7 506	205 471	7 186	1 069 420	7 789	2 057 778	218 554	2 236	374 309	16 794
50 to 99	6 638	2 121 007	6 583	329 622	6 440	1 791 385	6 667	3 543 322	379 174	2 103	670 313	31 194
100 to 199	5 224	3 024 970	5 192	455 293	5 139	2 569 677	5 244	5 197 617	552 590	1 877	1 013 913	48 193
200 or more	2 854	3 890 768	2 842	605 431	2 822	3 285 337	2 859	7 358 051	718 422	1 209	2 311 150	109 075
No litters farrowed	9 087	2 290 255	6	83	9 081	2 290 172	10 688	4 744 085	561 922	9	6 900	390

		Li	tters farrowed between Dec	c. 1, 1986, and Nov. 30, 198	87	
Litters farrowed	To	tal	Dec. 1, 1986, ar	nd May 31, 1987	June 1, 1987, a	nd Nov. 30, 1987
	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed	28 037	2 495 867	26 110	1 251 973	25 992	1 243 894
1	250 986 1 340	250 2 930 9 228	137 743 990	137 1 446 4 625	113 765 996	113 1 484 4 603
10 to 19 20 to 49	2 902 7 789	39 814 250 352	2 337 7 305	20 306 126 582	2 309 7 286	19 508 123 770
50 to 99 100 to 199 200 or more	6 667 5 244 2 859	462 052 700 200 1 031 041	6 552 5 203 2 843	232 961 352 866 513 050	6 508 5 183 2 832	229 091 347 334 517 991

Table 38. Sheep and Lambs-Inventory and Sales: 1987 and 1982

ltem	1987		19	82
item	Farms	Number	Farms	Number
Sheep and lambs inventory	8 636	451 617	9 988	486 316
1 to 24 25 to 99 100 to 299 300 to 999 1,000 to 2,499 2,500 or more	4 149 3 628 719 117 16	53 562 171 809 106 990 55 142 20 714 43 400	5 015 4 024 793 126 23	65 003 185 560 119 641 61 043 29 172 25 897
Ewes 1 year old or older	8 089	280 591	9 256	297 326
Sheep and lambs shorn Pounds of wool	8 052 (X)	542 200 2 901 639	9 380 (X)	493 205 3 379 775
Sheep and lambs sold	8 806 8 922	607 492 46 157	10 327 10 484	496 676 26 703

Table 39. Sheep and Lambs-Inventory and Sales by Size of Flock: 1987

[For meaning of abbraviations and symbols, sea introductory text]

		Sheep and lar	mbs invantory		Ob-	4 !		Sales				
Sheep and lambs	То	tal	Ewas 1 yaar	old or oldar	Snee	p and lambs s	norn	Sheep an	d lambs	Sheep, lambs	s, and wool	
	Farms	Number	Farms	Number	Farms	Numbar	Pounds of wool	Farms	Number	Farms	Value (\$1,000	
Total inventory	8 636	451 617	8 089	280 591	7 790	528 853	2 812 269	8 223	582 043	8 339	44 141	
1 to 24 25 to 99	4 149 3 628	53 562 171 809	3 706 3 551	38 745 123 907	3 404 3 549	49 506 158 203	359 636 1 097 182	3 745 3 623	54 182 143 369	3 854 3 627	3 990 10 92 5	
100 to 299 300 to 999	719 117	106 990 55 142	702 112	71 338 29 036	702 114	110 756 63 174	711 260 361 934	715 117	96 450 74 381	718 117	7 930 6 050	
1,000 to 2,499 2,500 to 4,999 5,000 or more	16 5 2	20 714 (D) (D)	12 5 1	8 076 (D) (D)	14 5 2	15 982 (D) (D)	113 397 (D) (D)	16 5 2	21 675 (D) (D)	16 5 2	1 830 (D (D	
No invantory	(×)	(X)	(X)	(X)	262	13 347	89 370	583	25 449	583	2 01	

Table 40. Sheep and Lambs—Inventory and Sales by Size of Ewe Flock: 1987

		Sheep and lar	mbs inventory		Ch-				Sa	les	
Ewes 1 yaar old or older	Т	otal	Ewes 1 year	r old or oldar	She	ep and lambs s	norn	Shaap a	ind lambs	Sheap, lam	bs, and wool
	Farms	Numbar	Farms	Number	Farms	Numbar	Pounds of wool	Farms	Numbar	Farms	Valua (\$1,000)
Total invantory	8 089	412 156	8 089	280 591	7 677	423 914	2 746 179	7 812	461 838	7 908	36 077
1 to 24	4 768	91 667	4 768	57 272	4 356	81 996	579 078	4 496	81 795	4 587	6 114
25 to 99	2 847	177 978	2 847	128 433	2 847	173 288	1 162 470	2 845	152 576	2 847	11 857
100 to 199	343	63 471	343	44 049	343	74 675	467 711	340	73 156	343	6 142
200 to 499	113	50 204	113	31 460	113	55 597	379 399	113	70 574	113	5 992
500 to 999	13	11 811	13	8 302	13	13 958	74 021	13	18 337	13	1 530
1,000 to 2,499	4 [(D) (D)	4	(D) (D)	4	(D) (D)	(D) (D)	4	(D)	4	(D) (D)
2,500 to 4,999	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
5,000 or more	-	-	-	-	-	-		-	-	-	-
No inventory	547	39 461	(X)	(×)	375	118 286	155 460	994	145 654	1 014	10 080

Table 41. Other Livestock and Livestock Products-Inventory and Sales: 1987 and 1982

(For meaning of abbreviations and symbols, see introductory text)				
ltem	Inve	ntory	Se	ales
nem	1987	1982	1987	1982
Horses and poniesfarmsnumber	11 647	14 106	2 453	2 917
	59 338	68 368	9 909	10 809
	(X)	(X)	7 487	10 709
Mules, burros, and donkeys	627	288	90	42
	1 512	757	240	125
	(X)	(X)	79	39
Colonias of bees	703	797	38	28
Honey sold	53 289	45 410	1 121	2 897
	(X)	(X)	350	221
	(X)	(X)	4 288 806	2 733 695
Bees and honey soldfarms	(X) (X) (X)	(X) (X)	364 3 056	(NA) 1 997
Goats	1 082	1 173	366	393
	7 387	5 870	3 198	2 579
Angora goatsfarmsnumber	41 991	12	11 173	1
Mohair sold farms pounds	(X)	(X)	7 016	(D) 3 (D)
Angora goats and mohair soldfarms	(X)	(X)	25	(NA)
	(X)	(X)	23	(D)
Milk goatsfarmsnumber	425	909	105	303
	3 195	4 708	909	1 964
Goats milk sold farms gallons_	(X)	(X)	52 123 669	20 34 650
Milk goats and goats milk sold farms \$1,000	(X) (X) 757	(X) (X)	136 268	(NA) 139
Other goatsfarms	757	323	271	99
number	3 201	1 120	2 116	(D)
\$1,000	(X)	(X)	61	(D)
Mink and their pelts farmsnumber	58	53	56	50
	63 906	55 977	132 995	133 183
Rabbita and their pelts	(X)	(X)	5 403	4 344
	494	329	173	171
	13 788	11 719	36 971	27 837
	(X)	(X)	177	122
Fish and other aquaculture products soldfarms	(X) (X)	(X)	28 174	13 35
Other livestock and livestock products\$1,000	134	(NÃ)	86	(NA)
	(X)	(X)	413	(D)

Table 42. Crops Harvested and Value of Production: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

		1	987				1982	
Crop	Farms	Acras	Quantity	Value of production ¹ (\$1,000)	Farms	Acras	Quantity	Value of production¹ (\$1,000)
Harvastad cropland	92 878 83 301	20 484 178 10 147 051	1 274 388 346	4 191 371 2 039 021	103 644 92 462	24 137 670 12 880 050	(X) 1 466 953 043	5 524 984 3 300 644
grazad	7 937 108	205 318 4 376	334 779	48 788 485	17 412 292	536 645 13 500	752 7 27	174 107 1 498
hoggad or grazed	356	7 361	(X)	1 044	269	4 569	(X)	935
Wheat for grain (bushels) Barlay for grain (bushels) Oats for grain (bushels) Rye for grain (bushels) Rica (cwt)	1 345 357 25 398 138	31 047 6 545 544 907 1 867	1 180 360 358 125 30 918 660 56 342	2 715 537 49 470 101	2 731 137 35 752 142	98 688 3 449 811 716 2 187	2 845 239 161 974 45 769 302 58 124	8 963 275 73 231 151
Flaxsed (bushels) Sunflower seed (pounds) Soybeans for beans (bushels) Dry adible beans, ascluding dry limas (cwt) Paanuts for nuts (pounds)	- 4 68 278 77 -	7 903 395 4 310	(D) 326 081 351 57 416	- 6 1 744 535 930	1 10 73 175 79	(D) 608 8 044 305 5 266	(D) 641 978 291 189 890 69 146	4 64 1 588 985 968
Cotton (bales) . Tobacco (pounds)	- 104 4 -	1 998 17	336 981 2 074 -	1 466 11 -	- 149 5 -	1 767 (D)	287 839 1 976	1 353 11
Sugar beats for sugar (tons)Sugarcana for sugar (tons)	-	-	-	-	-	-	-	=
Hay—alfalfa, other lame, small grain, wild, grass silage, grean chop, atc. (sae taxt) (tons, dry)	48 271 596 508	1 968 207 8 863 2 740	5 612 944 (X) (X)	246 986 7 541 2 505	56 372 429 465	2 035 033 8 363 2 538	6 201 756 (X) (X)	330 646 4 267 2 125
Berries harvested for sale	222	467	(X)	481	161	251	(X)	239
(sea faxt) Other crops	357 846	5 110 27 781	(X) (X)	38 241 6 507	333 (NA)	5 527 (NA)	(X) (X)	34 954 3 565

¹Data are estimated; see text.

[For meaning of abbreviations and symbols, sea introductory text]

Alfalfa hay (tons, dry)

Small grain hay (tons, dry)

Tame hay other than alfalfa, small grain, and wild hay (see text)
(tons, dry)

Wild hay (tons, dry)

Grass silage, haylage, and green chop hay (tons, green)

Alfalfa seed (pounds)
Vegetables harvested for sale (see text)
Land in orchards
Strawberries harvested for sale (pounds)

Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1987

16

72 19

Entire crop imigated Part of crop irngated None of crop imigated Crop Avarage yiald par acra Averaga yiald per acre Average yield par acra Farms Acras Farms irrigated Farms Acras imgated Com for grain or seed (bushels)
Com for silage or green chop (tons, green)
Sorghum for grain or seed (bushels)
Wheat for grain (bushels)
Oats for grain (bushels) 103 125.1 (D) 350 127.0 10 019 192 125.6 (D) 76.5 (D) 40 (D) (D) (D) 4 376 108 (D) (D) 1 343 25 382 (D) (D) 2 15 (D) (D) 1 (D) (D) (D) 6 062 53.4 Barlay for grain (bushels) 483 71.8 350 Soybeans for beans (bushels)
Peanuts for nuts (pounds)
Dry edible beans or the soybeans (bushels) 70 5 656 42.3 151 14 648 26 512 38.9 68 057 7 856 579 41.3 Dry edible beans, excluding dry limas (cwt) 5 (D) (D) 72 (D) (D) Cotton (bales) -----Irish potatoes (cwt)
Sugar beets for sugar (tons)
Sugarcana for sugar (tons) 19 1 (D) (D) (D) (D) (D) (D) (D) 84

401

87

(D(D) (D(D)

1 357

15 3

2

28

5

3.5 1.7

000

240

(D)

(D)

276

4.7 2.0

(D)

(D)

(X) (X) 2 653.9

(D)

(D)

631 52 25 41 852 7 152

6 703

4 752

1 379 433 163 416

(D)(D)

IOWA

(D) (D) (D)

69.9

35

Table 44. Specified Crops by Acres Harvested: 1987 and 1982

			1987					1982		
Crop				Irrigate	d land				Irriga	ted lend
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Com for grain or seed (bushels) 1 to 14 ecres 15 to 24 acres 25 to 49 ecres 50 to 99 ecres 100 to 249 acres 250 to 499 acres 1,000 ecras or more 1,000 to 1,999 acres 2,000 to 2,999 acres 3,000 to 4,999 acres 5,000 acres or more	83 301 5 986 5 538 13 726 21 362 27 186 7 726 1 627 150 136 11	10 147 051 49 535 108 101 502 409 1 529 754 4 190 432 2 547 744 1 014 536 204 540 (X) (X) (X) (X)	1 274 388 346 5 133 752 11 754 428 57 751 996 184 659 855 327 849 217 133 443 484 27 400 127 (X) (X) (X) (X)	453 9 8 24 52 174 119 58 9 6	62 099 61 116 766 2 570 17 859 18 820 16 660 5 247 (X) (X) (X)	92 462 5 615 4 499 12 161 22 571 34 663 10 387 2 235 331 302	12 880 050 44 360 85 963 439 769 1 621 009 5 387 915 3 414 402 1 421 185 465 447 (X)	1 466 953 043 4 200 221 8 289 326 45 094 855 175 589 521 608 792 594 400 813 305 169 089 859 55 083 362 (X)	386 3 - 16 40 139 119 58 11	59 796 10 456 2 005 15 344 20 663 16 584 4 73K (X
Com for silage or green chop (tons, green) 1 to 14 ecres	7 934 3 610 1 898 1 503 609 265 41 7 1	205 176 29 247 34 859 49 397 38 305 35 487 12 799 (D) (D) 4 376	3 251 394 440 290 528 700 748 276 606 530 593 198 249 668 (D) (D)	7 1 2 4	110 (D) (D) 85 - -	17 412 6 347 4 395 3 896 1 879 752 118 21 4	536 645 53 102 80 990 127 601 118 832 98 826 38 654 12 554 6 086	8 290 817 794 567 1 236 321 1 940 642 1 821 068 1 569 896 642 108 196 143 90 072 752 727	28 6 6 3 9 1 1 1	2 364 38 113 97 416 (D (D (D) (D)
Sorghum for silage or green chop (tons, green)	354 1 345 689 309 224 83 33 5 2	7 340 31 047 5 316 7 666 7 383 5 464 4 354 (D) (X) (X) (X)	102 074 1 180 360 196 287 211 658 270 539 228 074 (D) (D) (X) (X) (X)	2 1	(D) (D) (X) (X) (X) (X) (X) (X) (X) (X) (X) (X	259 2 731 890 625 683 351 152 21 8	4 388 98 688 7 776 11 761 12 012 22 695 20 930 6 400 (D) (X) (X)	53 849 2 845 239 239 959 367 969 681 125 674 246 582 397 176 419 (D) (X) (X)	13 4 3 1 1 2 2 2	843 37 56 (D) (D) (D) (D) (X)
Oats for grain (bushels) 1 to 14 acres. 15 to 24 acres. 25 to 49 acres. 50 to 99 acres. 100 to 249 acres. 250 to 499 acres. 500 to 999 acres. 500 to 999 acres.	25 398 10 362 7 659 5 701 1 424 238 13	544 907 91 178 142 775 186 750 87 861 31 398 (D)	30 918 660 5 136 981 8 239 005 10 695 103 4 959 708 1 680 828 (D)	16 7 4 3 1 1	484 60 76 (D) (D)	35 752 12 978 11 114 8 987 2 256 404 11	811 716 115 840 206 562 293 913 139 556 50 814 (D)	45 769 302 6 313 704 11 449 741 16 620 297 8 035 391 3 043 879 (D)	21 6 6 5 4 -	433 35 97 163 138
Popcorn (pounds, shelled)	584	22 040	60 796 850	14	(D)	280	17 709	47 829 502	8	1 206
Soybeans for beans (bushels) 1 to 14 acres	68 278 5 182 5 018 11 437 17 189 22 245 6 197 942 68 66 1	7 903 395 45 066 95 884 410 664 1 218 624 3 451 675 2 023 637 573 744 84 101 (X) (X) (X)	326 081 351 1 741 040 3 787 481 16 389 445 49 868 442 142 332 516 84 226 495 24 278 696 3 457 236 (X) (X) (X)	221 7 9 25 35 72 54 16 3 3	20 304 35 153 809 1 699 7 035 3 592 689 (X) (X) (X)	73 175 4 426 5 205 13 012 19 965 24 212 5 457 815 83 78	8 044 305 39 532 99 653 466 945 1 407 826 3 663 874 1 761 208 498 114 107 153 (X)	291 189 890 1 308 156 3 413 553 16 289 618 50 530 746 132 875 198 64 502 436 18 324 640 3 945 543 (X)	1799 7 3 144 26 65 46 14 4 3	21 215 57 57 355 1 392 7 263 6 473 3 098 2 520 (X)
Irish potatoes (cwt)	104	1 998	336 981	20	1 158	149	1 767	287 839	22	836
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry) 1 to 14 acres. 15 to 24 acres. 25 to 49 acres. 50 to 99 acres. 100 to 249 acres. 250 to 499 acres. 500 to 999 acres. 1,000 acres or more 1,000 to 1,999 acres. 2,000 to 2,999 acres. 3,000 to 4,999 acres. 5,000 acres or more 5,000 acres or more	48 271 13 593 9 052 12 222 9 011 4 085 278 26 4	1 968 207 110 272 170 255 423 424 601 912 554 755 86 548 15 591 5 450 (X) (X) (X)	5 612 944 299 726 474 583 1 191 257 1 764 630 1 594 597 225 892 42 165 20 094 (X) (X) (X) (X)	45 11 9 10 10 10	1 216 75 114 220 274 (D) (D) - (X) (X) (X)	56 372 17 160 11 508 14 482 9 357 3 607 231 20 7	2 035 033 139 425 215 980 496 281 614 649 474 990 72 449 13 233 8 026 (X)	6 201 756 414 170 658 175 1 533 652 1 909 049 1 423 260 210 836 31 776 20 838 (X)	50 13 7 14 12 3 1 - -	1 271 85 100 264 420 (D) (D) - - (X)
Alfalfa hay (tons, dry) 1 to 14 acres 15 to 24 acres 25 to 49 acres 50 to 99 acres 100 to 249 acres 500 to 999 acres 1,000 acres or more 1,000 to 1,999 acres 2,000 to 2,999 acres 3,000 to 4,999 acres 5,000 ecres or more	41 883 13 532 8 872 10 788 6 393 2 175 109 11 3 3	1 380 550 110 366 165 819 367 486 413 294 279 675 33 418 6 329 4 163 (X) (X) (X)	4 444 233 324 260 506 417 1 168 385 1 383 103 928 847 96 745 18 269 18 207 (X) (X) (X)	31 11 7 5 6 2 - - -	641 87 102 97 (D) (D) (X) (X) (X)	49 275 16 350 10 847 12 888 6 912 2 149 114 11 4	1 535 085 134 406 202 380 437 522 441 054 272 720 35 414 7 057 4 532 (X)	5 091 238 424 397 660 690 1 456 851 1 502 751 900 864 115 473 19 954 10 258 (X)	41 11 6 13 8 3 - -	1 056 77 78 311 253 337 - - (X)
Small grain hay (tons, dry)	7 161	163 591	289 319	9	151	4 978	93 424	177 100	7	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry)	6 711	210 942	417 288	8	128	7 369	195 853	439 003	1	(D)

Table 44. Specified Crops by Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations end symbols, see introductory text]

			1987					1982		
Crop				Irrige	ted land				Irriga	ted land
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Hay—alfelfa, other teme, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)—Con. Grass silage, haylage, end green chop hay (tons, green)	4 755 785 1 050 1 472 1 038 397 11	200 613 7 041 19 733 50 206 67 102 52 268 (D)	1 331 943 49 756 139 465 349 914 434 512 330 550 (D)	3 2 1 1 +	(D) (D) - - (D)	5 243 1 052 1 248 1 615 1 028 279 18	196 575 9 392 23 447 55 421 65 827 35 113 5 875	1 400 719 68 364 176 382 410 924 456 842 233 867 46 290	6 2 1 3	117 (D) (D) 95
500 to 999 acres	2 -	(D) -	(D)	-	-	3 -	1 500	8 050	-	-
Vegetables harvested for sale (see text) 0.1 to 0.9 ecres 1.0 to 4.9 acres 5.0 to 14.9 acres 5.0 to 14.9 acres 25.0 to 49.9 acres 25.0 to 49.9 acres 50.0 to 249.9 acres 25.0.0 to 499.9 acres 250.0 to 499.9 acres 250.0 to 499.9 acres 1,000.0 acres or more 1,000.0 to 1,999.9 acres 2,000.0 to 2,999.9 acres 3,000.0 acres or more	596 85 277 28 28 31 33 11 -	8 863 34 618 1 021 524 1 079 2 108 (D) (D) (X) (X)	888888888888888888888888888888888888888	100 4 399 26 5 10 13 2 - - -	1 633 2 75 188 85 242 764 (D) - (D)	429 82 1711 655 25 388 19 -	8 363 33 370 494 474 1 224 1 855 (D)	8 8888888888888888888888888888888888888	54 6 8 17 9 8 4 2 -	871 2 13 83 166 210 (D) (D)
Sweet corn	418	4 716	(×)	42	296	298	5 619	(x)	17	83
Land in orchards	508 118 264 77 27 16 5 1	2 740 50 534 568 486 565 (D) (D)	. 8888888888888888888888888888888888888	24 3 12 6 1 2 - -	131 1 28 41 (D) (D) -	465 97 251 75 22 13 5 2	2 538 44 492 541 420 456 (D) (D)		8 2 3 2 1 1	34 (D) 10 (D) (D)
1,000.0 to 1,999.9 acres 2,000.0 to 2,999.9 acres 3,000.0 acres or more	-	(X) (X) (X)	(X) (X) (X)	- -	XXX	_	(X)	(X)	-	(X)

Table 45. Specified Fruits and Nuts by Acres: 1987 and 1982

(Not published for this State)

Table 46. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of Sales: 1987 and 1982

	Under glass or oth	er protection	In the	open	Sa	eles
Сгор	Farms	Square feet	Farms	Acres	Farms	Value (\$1,000)
Nursery and greenhouse crops, mushrooms, and sod						
grown for sale (see text)1987	205	4 518 800	190	5 007	357	38 241
1987 value of sales:	171	2 985 061	197	5 459	333	34 954
\$1 to \$2,499 sales	38	26 132	49	88	85	92
\$2,500 to \$9,999 sales	34	86 302	49	180	77	427
\$10,000 to \$39,999 sales	38	280 059	38	329	70	1 414
\$40,000 to \$99,999 sales	38	538 313	26	623	53	3 283 4 008
\$100,000 to \$199,999 sales \$200,000 to \$499,999 sales	22	629 076 969 580	10	387 953	28 27	7 898
\$500,000 sales or more	15	1 989 338	7	2 447	17	21 119
Bedding plants1987	164	2 191 065	26	63	174	10 241
1982	138	1 548 394	17	34	147	6 616
Cut flowers and cut florist greens1987	22	278 726	15	23	36	1 352
1982	24	254 872	8	18	32	939
Foliage and potted flowering plants, total 1987	83	1 611 471	10	6	86	9 649
1982	63	1 008 016	10	(D)	70	7 867
Foliage plants 1987	32	232 247	3	(D)	34	2 310
Potted flowering plants 1987	66	1 379 224	7	(D)	67	7 338
Nursery crops1987	15	308 350	119	3 159	123	13 599
1982	15	73 847	136	4 036	139	17 978

Table 47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987

Dercent 100.0 100.0	25 percent of sales 65 3 011 4 2.9 775 2 694 063 15 895 65 2 832 77 2 803 899 117 990 077 54 1 080	12 156 11.6 8 864 530 729 11 513 8 652 782 751 566	75 percent of sales 29 83 28.4 17 344 820 581
Farma. number percent. 105 180 4 Land in farms. acras. 31 638 130 518 5 Avaraga size of farm acres. 301 1 1 Value of land and buildings¹ farms. 105 184 4 Avarage per farm \$1,000. 29 829 901 598 2 Avarage per acre dollars. 283 597 1 286 6 Avarage per acre dollars. 947 1 1	65 3 011 .4 2.9 .75 2 694 063 15 895 65 2 832 .77 2 803 899 .17 990 077 .54 1 080	12 156 11.6 8 864 530 729 11 513 8 652 782	29 835 28.4 17 344 82 581
Decent 100.0 100	.4 2.9 .75 2 694 063 .15 895 .65 2 832 .77 2 803 899 .17 990 077 .54 1 080	11.6 8 864 530 729 11 513 8 652 782	28.4 17 344 820 581
Land in farms acras 31 638 130 518 5 Avaraga size of farm acres 301 1 1 Valua of land and buildings¹ farms 105 184 4 Avarage per farm dollars 283 597 1 286 6 Avarage per acre dollars 947 1 1	75 2 694 063 895 65 2 832 77 2 803 899 117 990 077 54 1 080	8 864 530 729 11 513 8 652 782	17 344 820 581
\$1,000 29 829 901 598 2 Avarage per farm	77 2 803 899 117 990 077 54 1 080	8 652 782	1
Avaraĝa per acredollars 947 1 1	1 080	/51 566	29 652 17 039 241
Estimated market value of all machinery and equipment \$1,000 5 543 375 103 0		1 016	574 641 984
	117 470 021 1.9 8.5	1 527 877 27.6	3 051 154 55.0
Land in farms according to use:acras27_290_868		7 950 039	15 479 233
Harvested cropland 20 484 178 373 1	76 1 954 597	6 362 573	12 208 729
Pasturaland, axcluding woodland pasturedacras 3 735 795 52 9	234 024	760 070	1 596 699
Market value of agricultural products sold \$1,000 8 926 799 893 0 Avarage per farm dollars 84 872 1 920 6		4 463 456 367 181	6 695 21 224 406
Grains	149 2 521 139 361 434	10 806 1 216 307	26 804 2 281 418
Cotton and cottonseedfarms \$1,000			2 25. 4.1
Tobacco farms \$1,000		=	
Hay, silaga, and field saeds farms 12 947 \$1,000 46 480 2 1	57 44 4 856	1 661 12 628	4 010 23 130
Vegatablas, sweet corn, and malon 596 \$1,000 7 541 9	3 14 183 2 082	56 3 402	13 ⁻ 5 060
Fruits, nuts, and berries	2 8 (D) 64	18 395	1 26
Nursery and greenhouse crops	5 24	59 30 379	93 76
Other crops	- - - 804	11 1 200	1 395
Poultry and poultry products farms 3 643	49 194 149 152 604	456 174 139	1 009 185 108
Dairy products farms. 7 048 \$1,000. 392 284 3 6	9 128	1 077 128 866	3 299 282 456
	149 2 038	7 329 1 440 975	17 054 1 753 183
	43 2 122	8 606 1 427 783	19 063 2 092 444
Sheep, lambs, and wool	16 97 165 15 447	755 21 230	2 106 28 009
Other livestock and livestock products (see text) farms_ 3 417	5 46 (D) 3 940	209 6 152	524 7 972
Total farm production expenses 1	65 2 832 351 1 723 461	11 513 3 220 163	29 652 4 859 012
	41 2 546	8 792	19 822
	47 2 672	966 067 10 120	1 185 310 24 449
	97 2 586	666 071 10 894	923 304 28 022
\$1,000. 467 355 11 0 Agricultural chamicals	04 2 585	160 169 10 925 101 636	303 160 28 126 195 150
	55 2 802	11 430	29 437
\$1,000 315 061 10 3 Electricity	54 2 784	101 481 11 265 43 955	190 854 28 730 77 380
	50 2 637	9 320 194 875	21 494 244 902
	41 2 655	10 254 242 397	25 045 408 222
Payments from government programs	71 2 577 62 114 905	10 843 371 546	26 62 ⁻ 700 298
Inventory of selected livestock: Cattle and calves	1 948	6 943	16 322
number 4 303 682 446 1. Milk cows		1 799 387 1 076	2 740 133 3 305
number 294 888 2 3	12 15 048 37 2 056	81 508 8 357 6 810 209	189 833 18 383 10 380 361

¹Data are based on a sample of farms.

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Table 48. Summary by Tenure of Operator: 1987

14		All far	ms		F	erms with sales o	f \$10,000 or more	
ltem	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS AND LAND IN FARMS								
Fermsnumber	105 180 100.0	48 226 45.9	35 207 33.5	21 747 20.7	82 631 78.6	30 177 28.7	33 211 31.6	19 243 18.3
_end in farmsecres	31 638 130 301	7 963 226 165	17 255 971 490	6 418 933 295	30 158 199 365	6 820 684 226	17 068 588 514	6 268 927 326
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
otal sales (see text)ferms \$1,000	105 180 8 926 799	48 226 2 370 826	35 207 4 860 253	21 747 1 695 719	82 631 8 836 943	30 177 2 302 138	33 211 4 851 128	19 243 1 683 678
Averege per farmdollars	84 872	49 161	138 048	77 975	106 945	76 288	146 070	87 496
Farms by value of sales: Less then \$1,000 (see text)\$1,000 to \$2,499	3 782 5 017	3 297 4 217	249 351	236 449	-	-	-	-
\$2,500 to \$4,999 \$5,000 to \$9,999	5 498 8 252	4 399 6 136	499 897	600 1 219				-
\$10,000 to \$19,999	12 427 5 009	7 974 2 798	1 923	2 530 1 243	12 427 5 009	7 974 2 798	1 923	2 530
\$20,000 to \$24,999 \$25,000 to \$39,999 \$40,000 to \$49,999	11 756 5 996	5 635 2 283	3 117 1 997	3 004 1 716	11 756 5 996	5 635 2 283	3 117 1 997	1 243 3 004 1 716
\$50,000 to \$99,999 \$100,000 to \$249,999	20 656 20 200	6 033 4 103	9 092 11 706	5 531 4 391	20 656 20 200	6 033 4 103	9 092 11 706	5 531 4 391
\$250,000 to \$499,999 \$500,000 to \$999,999	4 957 1 220	957 270	3 341 819	659 131	4 957 1 220	957 270	3 341 819	659 131
\$1,000,000 or more	410	124	248	38	410	124	248	38
Grains farms \$1,000 Sales of \$50,000 or more farms	81 042 3 563 323 23 982	29 543 645 643 3 034	32 408 2 099 486 15 346	19 091 818 195 5 602	70 988 3 524 735 23 982	21 961 618 160 3 034	31 394 2 095 529 15 346	17 633 811 045 5 602
\$1,000	2 507 136	277 905	1 701 100	528 131	2 507 136	277 905	1 701 100	528 131
Com for grainfarms	72 356 1 961 527	25 083 363 542	29 582 1 159 451	17 691 438 534	64 517 1 939 575	19 221 347 742	28 814 1 157 365	16 482 434 468
Wheat farms	1 188 2 726 68 166	428 868 21 757	562 1 424 29 502	198 433 16 907	1 076 2 591 62 486	339 758 17 634	550 1 410 28 862	187 424 15 990
\$1,000	1 573 168	274 246	925 236	373 686	1 557 479	263 243	923 479	370 757
Sorghum for grain farms \$1,000	57 477	32 247	19 (D)	(D)	49 465	25 238	19 (D)	5 (D) 17
Barley farms \$1,000 Oets farms	81 116 11 842	38 49 3 910	25 (D) 5 096	18 (D) 2 836	74 111 10 908	32 45 3 234	25 (D) 4 999	(D) 2 675
\$1,000 Other grains farms	19 604 677 5 705	5 546 178	9 686 360 3 432	4 373 139	18 893 630 5 621	5 036 150	9 610 347 3 408	4 247 133
\$1,000 Cotton and cottonseed farms	5 705	1 145	3 432	1 129	3 621	1 099	3 408	1 114
\$1,000 Sales of \$50,000 or more farms \$1,000	-			-	-	-	-	=
Tobaccofarms	_	-	-	-	-	-	-	-
\$1,000_ Sales of \$50,000 or more farms_ \$1,000_	-	-	-	-	-	-	-	-
Hay, silege, and field seeds farms	12 947	5 577	4 840	2 530	10 237	3 378	4 544	2 315
\$1,000_ Sales of \$50,000 or more farms_ \$1,000_	46 480 30 3 365	14 934	22 327 23 2 882	9 220 7 484	43 012 30 3 365	12 196	21 956 23 2 882	8 860 7 484
Vegetables, sweet corn, and melons farms	596	299	212	85	359	133	169	57
\$1,000_ Seles of \$50,000 or more farms_ \$1,000_	7 541 30 4 384	1 694 4 426	4 658 22 3 260	1 189 4 698	7 019 30 4 384	1 351 4 426	4 580 22 3 260	1 088 4 698
Fruits, nuts, and bemies farms	371	266	74	31	186	104	57	25
\$1,000_ Sales of \$50,000 or more farms_ \$1,000_	2 853 13 1 390	1 901 7 820	600 4 (D)	352 2 (D)	2 499 13 1 390	1 600 7 820	568 4 (D)	332 2 (D)
Nursery and greenhouse crops farms	357	261	59	37	241	170	49	22
\$1,000_ Sales of \$50,000 or more farms_ \$1,000_	38 241 111 35 714	23 136 80 21 066	12 785 20 12 464	2 321 11 2 184	37 870 111 35 714	22 841 80 21 066	12 747 20 12 464	2 282 11 2 184
Other crops farms	99	48	40	11	65	22	35	8
\$1,000 Seles of \$50,000 or more farms \$1,000	1 678 7 1 259	872 4 740	758 3 519	49	1 632 7 1 259	831 4 740	754 3 519	47
Poultry and poultry products farms \$1,000	3 643 192 229	1 967 125 749	1 054 52 767	622 13 713	2 720 191 697	1 232 125 283	942 52 729	546 13 686
Sales of \$50,000 or more farms \$1,000	426 186 495	239 122 475	134 51 138	53 12 882	426 186 495	239 122 475	134 51 138	53 12 882
Dairy products farms \$1,000	7 048 392 284	2 885 133 027	2 598 178 547	1 565 80 710	6 928 391 942	2 789 132 763	2 585 178 505	1 554 80 673
Sales of \$50,000 or more farms \$1,000	3 165 294 998	1 051 90 544	1 436 147 098	678 57 357	3 165 294 998	1 051 90 544	1 436 147 098	678 57 357
Cattle and calves farms	50 509 2 124 641	22 765 651 926	18 752 1 163 329	8 992 309 386	42 170 2 094 924	16 020 628 026	17 859 1 160 151	8 291 306 748
Sales of \$50,000 or more	7 178 1 590 392	1 966 441 517	4 147 937 178	1 065 211 697	7 178 1 590 392	1 966 441 517	4 147 937 178	1 065 211 697

Table 48. Summary by Tenure of Operator: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text)

[For meaning of abbreviations and symbols, see introdu	ctory text]							
Item		All fa	rms		F	arms with sales of	\$10,000 or more	
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total sales (see text) – Con. Hogs and pigs	38 638	14 220	16 222	8 196	35 888	11 978	15 997	7 913
\$1,000_ Sales of \$50,000 or morefarms_ \$1,000_	2 494 231 15 528 2 058 777	747 776 4 196 586 470	1 303 979 8 368 1 134 003	442 476 2 964 338 305	2 484 999 15 528 2 058 777	740 128 4 196 586 470	1 303 353 8 368 1 134 003	441 518 2 964 338 305
Sheap, lambs, and woolfarms	8 922	4 325	2 991	1 606	6 250	2 194	2 707	1 349
\$1,000 Sales of \$50,000 or more farms \$1,000	46 157 77 21 114	14 123 20 3 832	15 732 34 5 937	16 302 23 11 345	41 763 77 21 114	10 707 20 3 832	15 227 34 5 937	15 829 23 11 345
Other livestock and livestock products (see text)	3 417	2 061	885	471	1 826	805	697	224
\$1,000_ Sales of \$50,000 or more	17 139 60 8 848	10 045 35 4 752	5 286 17 3 427	1 808 8 669	14 851 60 8 848	8 254 35 4 752	5 028 17 3 427	324 1 569 8 669
FARM PRODUCTION EXPENSES								
Total farm production expenses farms	105 184 6 647 645	48 216 1 831 607	35 408 3 669 556	21 560 1 146 482	82 647 6 516 385	30 026 1 727 507	33 476 3 655 299	19 145 1 133 579
Average per farmdollars	63 200	37 988	103 636	53 176	78 846	57 534	109 192	59 210
Livastock and poultry purchased tarms \$1,000	46 066 1 358 161	19 027 413 700	18 199 736 830	8 840 207 631	40 253 1 346 860	14 261 404 461	17 611 735 926	8 381 206 473
Farms with axpenses of— \$1 to \$4,999	20 895 14 932	10 205 5 760	6 889 5 805	3 801 3 367	15 541 14 475	5 856	6 330	3 355
\$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	7 811 2 428	2 421 641	3 971 1 534	1 419 253	7 810 2 427	5 344 2 420 641	5 776 3 971 1 534	3 355 1 419 252
Feed for livestock and poultry farms \$1,000	64 752 1 101 866	28 085 374 107	24 414 552 311	12 253 175 448	54 514 1 092 412	19 870 366 616	23 347 551 329	11 297 174 467
Farms with expenses of— \$1 to \$4,999	31 369	17 243	8 566	5 560	21 199	9 068	7 510	4 621
\$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	22 076 9 846 1 461	7 723 2 636 483	9 568 5 452 828	4 785 1 758 150	22 008 9 846 1 461	7 683 2 636 483	9 557 5 452 828	4 768 1 758 150
Commercially mixed formula feeds farms \$1,000	33 282 475 104	13 619 170 360	12 907 229 852	6 756 74 893	29 316 472 686	10 524 168 434	12 437 229 583	6 355 74 669
Farms with expenses of — \$1 to \$4,999	17 634	8 764	5 268	3 602	13 676	5 677	4 798	3 201
\$5,000 to \$24,999 \$25,000 to \$79,999	11 352 3 545	3 656 930	5 242 1 995	2 454 620	11 344 3 545	3 648 930	5 242 1 995	2 454 620
\$80,000 or more	751	269	402	80	751	269	402	80
Seeds, bulbs, plants, and trees farms \$1,000 Farms with expenses of —	88 807 308 197	34 631 68 683	34 26 5 175 242	19 911 64 271	76 710 302 401	25 280 64 343	33 032 174 652	18 398 63 405
\$1 to \$999 \$1,000 to \$4,999	23 074 45 976	15 487 16 253	3 567 17 675	4 020 12 048	12 166 44 787	6 936 15 453	2 494 17 515	2 736 11 819
\$5,000 to \$24,999 \$25,000 or more	19 426 331	2 849 42	12 762 261	3 815 28	19 426 331	2 849 42	12 762 261	3 815 28
Commercial fertilizer farms	83 067 467 355	31 220 104 961	33 063 272 904	18 784 89 489	73 196 459 606	23 555 98 947	32 092 272 076	17 549 88 583
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	51 929 29 100	24 872 6 055	14 509	12 548	42 145	17 283 5 987	13 549	11 313 6 022
\$25,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	1 788 250	264 29	17 023 1 327 204	6 022 197 17	29 021 1 780 250	256 29	17 012 1 327 204	197 17
Agricultural chemicalsfarms	86 631 309 894	33 883 66 768	33 387 177 591	19 361 65 535	74 725 304 487	24 760 62 847	32 190 176 989	17 775 64 652
Farms with expenses of — \$1 to \$4,999	66 563	30 670	20 636	15 257	54 666	21 556	19 439	13 671
\$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	19 490 514 64	3 155 49 9	12 317 383 51	4 018 82 4	19 481 514 64	3 146 49 9	12 317 383 51	4 018 82 4
Petroleum products farms \$1,000	100 939 315 061	44 747 83 892	35 015 167 321	21 177 63 848	80 999 304 536	28 846 75 734	33 201 166 181	18 952 62 621
Farms with expenses of— \$1 to \$4,999	81 446	41 296	22 627	17 523	61 513	25 395	20 813	15 305
\$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	19 169 274 50	3 377 63 11	12 172 181 35	3 620 30 4	19 162 274 50	3 377 63 1 11	12 172 181 35	3 613 30 4
Gasoline and gasohol farms \$1.000_	87 982 105 047	39 057 34 608	30 889 49 100	18 036 21 340	70 713 98 454	25 182 29 500	29 254 48 365	16 277 20 589
Diesel fuel farms \$1,000_	73 400 136 878	25 163 29 102	30 771 79 302	17 466 28 473	66 796 134 878	20 198 27 630	30 138 79 056	16 460 28 192
Neturel gas	5 064 6 637	1 757 2 060	2 107 3 365	1 200 1 211	4 630 6 554	1 391 1 987	2 080 3 361	1 159 1 205
LP gas, fuel oil, kerosene, motor oil, grease, etc farms	86 862	34 333	33 539	18 990	76 300	25 952	32 422	17 926
\$1,000	66 500	18 121	35 554	12 824	64 651	16 617	35 399 l	12 635

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations end symbols, see introductory text]

Item		All fa	rms			Farms with sales o	f \$10,000 or more	
пеш	Total	Full owners	Part owners	Tenants	Total	Full owners	Pert owners	Tenents
FARM PRODUCTION EXPENSES1 —Con.								
Total farm production expenses—Con. Electricity	90 255	39 901	33 149	17 205	75 154	27 333	31 796	16 025
Farms with expenses of—	126 591	42 543	62 752	21 296	120 904	37 821	62 174	20 910
\$1 to \$999 \$1,000 to \$4,999	47 918 39 358	28 613 12 497	11 871 19 440	9 434 7 421	33 769 38 414	14 834 11 716	10 627 19 331	8 308 7 367
\$5,000 to \$24,999 \$25,000 or more	2 896 83	745 48	1 803 35	348 2	2 888 83	737 46	1 803	348 2
Hired farm lebor farms \$1,000	49 121 282 515	17 1 84 81 041	21 563 162 228	10 364 39 249	44 716 280 602	13 820 79 613	21 042 161 926	9 854 39 083
Ferms with expenses of— \$1 to \$4,999	37 600	14 258	14 712	8 630	33 226	10 909	14 197	8 120
\$5,000 to \$24,999 \$25,000 to \$99,999	8 880 2 443	2 234 621	5 228 1 529	1 418 293	8 849 2 443	2 209 621	5 222 1 529	1 418 293
\$100,000 or more	198 8 078	81 ; 3 192 ;	94 3 498	1 388	198 7 032	81 2 331	3 391	1 310
\$1,000 Farms with expenses of—	21 032	7 683	9 925	3 424	20 485	7 218	9 880	3 387
\$1 to \$999 \$1,000 to \$4,999	3 846 3 123	1 791 1 037	1 404 1 536	651 550	2 958 2 965	1 059 908	1 312 1 521	587 536
\$5,000 to \$24,999 \$25,000 or more	1 032 77	330 34	525 33	177 10	1 032 77	330 34	525 33	177 10
Repair and maintenancefarms \$1,000	91 920 407 270	39 218 112 376	33 784 220 660	18 918 74 234	75 830 393 118	26 247 101 117	32 241 219 077	17 342 72 923
Farms with expenses of— \$1 to \$4,999	63 247	32 325	17 197	13 725	47 334	19 495	15 680	12 159
\$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	27 602 905 166	6 683 165 45	15 827 853 107	5 092 87 14	27 425 905 166	6 542 165 45	15 801 653 107	5 082 87 14
Customwork, machine hire, and rental of	57.054	22 442	24 200		40.040	47.050		
machinery and equipment farms \$1,000 Farms with expenses of—	57 354 133 395	23 440 45 265	21 800 59 912	12 114 28 219	49 313 128 322	17 056 41 300	21 037 59 451	11 220 27 572
\$1 to \$999	25 122 25 700	12 334 9 067	7 836 10 891	4 952 5 742	18 571 24 249	7 102 7 946	7 207 10 764	4 262 5 539
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	6 238 294	1 954 85	2 923 150	1 361 59	6 199 294	1 923 85	2 916 150	1 360 59
Interest expensefarms \$1,000	67 262 579 338	26 013 166 734	29 167 366 543	12 082 46 061	58 282 561 575	18 676 151 661	28 170 364 469	11 436 45 445
Ferms with expenses of — \$1 to \$4,999	37 493	17 219	11 015	9 259	29 324	10 585	10 118	8 621
\$5,000 to \$24,999 \$25,000 to \$99,999	24 442 5 121	7 544 1 198	14 236 3 766	2 662 157	23 638 5 114	6 848 1 191	14 136 3 766	2 654 157
\$100,000 or more	206	52	150	4	206	52	150	4
Secured by real estate farms \$1,000	44 371 390 226	20 251 128 367	24 120 261 859	-	37 852 375 685	14 467 115 346	23 385 260 339	-
Ferms with expenses of \$1 to \$999	6 684	4 356	2 328	-	4 433	2 365	2 068	_
\$1,000 to \$4,999 \$5,000 to \$24,999	16 369 17 889	8 749 6 247	7 620 11 642	-	12 674 17 323	5 482 5 728	7 192 11 595	-
\$25,000 or more	3 429	899	2 530	-	3 422	892	2 530	-
Not secured by real estate farms \$1,000	41 208 189 113	12 441 38 367	16 685 104 685	12 082 46 061	37 055 185 889	9 489 36 315	16 130 104 130	11 436 45 445
Farms with expenses of — \$1 to \$999	40, 470	5 000	0.700	0.040	40.440	0.014	0.000	3 425
\$1.000 to \$4.999	13 476 16 664	5 930 4 565	3 728 6 658	3 818 5 441	10 416 15 595	3 611 3 939	3 380 6 460	5 196
\$5,000 to \$24,999 \$25,000 or more	10 034 1 034	1 761 185	5 611 688	2 662 161	10 010 1 034	1 754 185	5 602 688	2 654 161
Cash rentfarms \$1,000	41 375 492 800	-	26 699 321 561	14 676 171 239	39 119 489 057	-	25 701 320 425	13 418 168 632
Farms with expenses of — \$1 to \$4,999	15 835	-	9 997	5 838	13 734	_	9 022	4 712
\$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	8 684 1 11 593 5 263	-	5 811 7 443 3 448	2 873 4 150 1 815	8 542 11 580 5 263	=	5 794 7 437 3 448	2 748 4 143 1 815
Property taxes farms	87 431 230 810	47 951 112 179	35 381 113 932	4 099 4 699	67 238 212 292	29 956 95 417	33 473 112 308	3 809 4 567
Farms with expenses of — \$1 to \$4,999	75 206	42 659	28 607	3 940	55 202	24 836	26 716	3 650
\$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	9 596 2 474 155	4 199 1 027 66	5 250 1 436 88	147 11 1	9 420 2 461 155	4 034 1 020 66	5 239 1 430 88	147 11 1
All other farm production expenses farms	101 919	45 826	35 189	20 904	82 616	30 006	33 472	19 138
Farms with expenses of—	513 358	151 673	269 845	91 840	499 729	140 413	268 437	90 879
\$1 to \$4,999 \$5,000 to \$24,999	73 591 25 444	38 652 6 567	19 539 13 778	15 400 5 099	54 327 25 405	22 870 6 529	17 822 13 778	13 635 5 098
\$25,000 to \$49,999 \$50,000 or more	2 166 718	415 192	1 428 444	323 82	2 166 718	415 192	1 428 444	323 82

Table 48. Summary by Tenure of Operator: 1987-Con.

[For meening of abbreviations end symbols, see introductory text]

ltem		All fa	rms			Farms with sales of	of \$10,000 or more	
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT ¹								
Atl farmsnumber	105 184	48 216	35 408	21 560	82 647	30 026	33 476	19 145
	2 146 997	504 887	1 133 457	508 652	2 187 522	538 376	1 139 234	509 911
	20 412	10 471	32 011	23 592	26 468	17 930	34 031	26 634
Farms with net gains ² number_	74 987	29 419	27 936	17 632	67 144	23 387	27 407	16 350
Average net gaindollars_	31 660	20 747	43 911	30 458	35 127	25 599	44 721	32 676
Gain of — Less than \$1,000	4 767	3 168	780	819	1 892	951	557	384
	22 906	12 546	5 432	4 928	17 938	8 731	5 126	4 081
	33 147	10 948	13 558	8 641	33 147	10 948	13 558	8 641
	14 167	2 757	8 166	3 244	14 167	2 757	8 166	3 244
Ferms with net lossesnumber_	30 197	18 797	7 472	3 928	15 503	6 639	6 069	2 795
Average net lossdollars_	7 521	5 611	12 481	7 227	11 035	9 082	14 243	8 707
Loss of— Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 943	3 499	782	662	1 634	664	521	449
	18 984	12 629	3 914	2 441	8 541	4 084	2 902	1 555
	5 889	2 573	2 533	783	4 963	1 810	2 403	750
	381	96	243	42	365	81	243	41
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments	75 203	26 801	30 897	17 505	67 411	20 682	30 178	16 551
	1 153 713	262 217	670 411	221 085	1 120 157	234 318	667 414	218 425
	30 370	11 156	13 002	6 212	25 821	7 345	12 585	5 891
	132 008	53 816	54 436	23 757	112 993	36 761	53 479	22 753
services farms	15 001	2 819	8 046	4 136	13 915	2 131	7 852	3 932
\$1,000	61 977	9 731	35 817	16 428	59 799	8 322	35 498	15 979
Gross cash rent or share payments farms	8 633	5 615	2 225	793	5 868	3 084	2 071	713
\$1,000	58 000	39 908	12 314	5 778	42 238	25 289	11 705	5 244
Forest products and Christmas trees farms	710	471	222	17	479	247	222	10
\$1,000	1 876	1 345	497	34	1 193	662	497	34
Other ferm-related income sources farms	11 908	3 959	5 655	2 294	10 990	3 215	5 544	2 231
\$1,000 COMMODITY CREDIT CORPORATION LOANS	10 156	2 831	5 808	1 516	9 763	2 488	5 779	1 497
Total	51 178 1 598 775 50 551 1 298 123 61 127 14 094 298 747	13 834 262 973 13 569 222 210 24 59 2 745 39 182	24 266 1 002 894 24 057 808 572 27 (D) 7 646 194 133	13 078 332 908 12 925 267 342 10 (D) 3 703 65 432	49 121 1 591 762 48 566 1 291 762 57 1 13 886 298 199	12 398 258 074 12 196 217 790 21 (D) 2 591 38 782	24 048 1 002 243 23 842 807 980 27 (D) 7 626 194 076	12 675 331 460 12 528 265 992 (D) 3 669 65 341
Sorghum, barley, and oatsfarms \$1,000 Cottonfarms	86 190 -	31 78 -	35 89 -	20 23	83 189 -	29 (D)	35 89	19 (D)
\$1,000 Peanuts, rye, rice, tobacco, and honey farms \$1,000	70 1 587	61 1 445	- 4 (D)	5 (D)	45 1 507	39 1 372	3 (D)	3 (D)
LAND IN FARMS ACCORDING TO USE								
Total cropland farms acres farms acres farms acres farms acres acres acres acres farms acres farms acres farms farms acres farms far	96 749	40 958	34 954	20 837	78 638	26 742	33 120	18 776
	27 290 868	6 366 631	15 152 502	5 771 735	26 339 403	5 647 645	15 029 561	5 662 197
	92 878	37 835	34 647	20 396	77 374	25 794	32 996	18 584
	20 484 178	4 398 979	11 572 966	4 512 233	20 043 833	4 079 730	11 519 308	4 444 795
Farms by acres harvested: 1 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 501 to 999 acres 1,000 to 1999 acres 2,000 acres or more	17 548 13 956 23 454 29 005 7 723 1 114 78	13 483 8 344 9 814 5 371 702 114	2 129 2 504 7 031 16 375 5 696 852 60	1 936 93 108 6 609 7 259 1 325 148 11	4 859 11 411 23 199 28 991 7 722 1 114 78	3 358 6 599 9 653 5 361 702 114	825 2 204 6 987 16 373 5 695 852 60	676 2 608 6 559 7 257 1 325 148
Cropland: Pasture or grazing only farms acres	36 766	16 269	14 034	6 463	30 175	10 950	13 267	5 958
	2 283 547	811 065	1 114 968	357 514	2 071 333	644 432	1 086 047	340 854
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured	27 088 1 670 711 1 640 45 013 844 45 160 42 114 2 762 259	10 319 495 402 760 16 442 403 17 237 13 636 627 506	11 022 876 730 587 20 754 303 20 341 18 143 1 546 743	5 747 298 579 293 7 817 138 7 582 10 335 588 010	23 481 1 519 248 1 149 35 628 677 40 702 38 273 2 628 659	7 421 372 029 381 9 405 268 13 803 10 766 528 246	10 655 857 372 523 19 532 284 19 441 17 698 1 527 861	5 405 289 847 245 6 691 125 7 458 9 809 572 552
Total woodland	24 782	12 664	8 787	3 331	18 703	7 576	8 151	2 976
	1 316 448	575 025	573 761	167 662	1 105 241	400 778	550 226	154 237
	14 393	7 218	5 210	1 965	11 065	4 520	4 791	1 754
	774 976	324 113	345 714	105 149	668 077	241 692	330 391	95 994
	14 477	7 392	5 227	1 858	10 944	4 337	4 918	1 689
	541 472	250 912	228 047	62 513	437 164	159 086	219 835	58 243

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, sae introdu		All far	ms		F	erms with sales of	f \$10,000 or more	
ltem	Total	Full owners	Part owners	Tenanta	Total	Full owners	Part owners	Tanants
LAND IN FARMS ACCORDING TO USE—Con.			7 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 3 1,2 1,1			- un omina	Tarrarra
Pasturaland and rengeland other then cropland and woodland pastured farms acras	22 415	10 323	8 350	3 742	17 362	6 293	7 815	3 254
	1 452 248	509 443	730 453	212 352	1 285 240	383 048	706 054	196 140
Lend in house lots, ponds, roads, wasteland, etc farms	79 586	38 338	27 683	13 565	62 924	24 219	26 267	12 438
acres Cropland under federal acreege reduction programs: Annual commodity acreage adjustment	1 578 566	512 127	799 255	267 184	1 428 315	389 215	782 747	256 353
progrems	69 141	22 259	30 066	16 816	64 254	18 638	29 567	16 049
	3 560 902	677 121	2 070 267	813 514	3 510 310	641 874	2 064 624	803 812
	8 050	4 051	3 279	720	6 043	2 298	3 091	654
	697 896	348 823	300 154	48 919	544 228	214 459	285 389	44 380
Value of land and buildings1 farms	105 184	48 216	35 408	21 560	82 647	30 026	33 476	19 145
\$1,000	29 829 901	7 578 008	16 235 234	6 016 659	28 285 406	6 345 505	16 054 708	5 885 193
Avaraga par farm dollars Avarage per acre dollars.	283 597	157 168	458 519	279 066	342 244	211 334	479 589	307 401
	947	943	950	942	942	922	951	942
Ferms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999	13 227	10 718	587	1 922	4 485	3 565	188	732
	11 020	8 244	1 181	1 595	4 812	3 196	619	997
	9 152	6 084	1 346	1 722	5 923	3 404	1 022	1 497
	12 468	6 649	2 960	2 859	10 077	4 870	2 572	2 635
	9 769	4 503	2 875	2 391	8 868	3 828	2 729	2 311
\$200,000 to \$499,999	31 637	9 341	14 517	7 779	30 715	8 610	14 424	7 681
\$500,000 to \$999,999	14 045	2 191	9 091	2 763	13 939	2 103	9 073	2 763
\$1,000,000 to \$1,999,999	3 466	421	2 572	473	3 430	387	2 570	473
\$2,000,000 to \$4,999,999	380	59	268	53	378	57	268	53
\$5,000,000 or more	20	6	11	3	20	8	11	3
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment farms	104 901	47 983	35 401	21 517	82 599	29 985	33 476	19 138
	5 543 375	1 642 932	2 790 375	1 110 067	5 242 462	1 407 002	2 762 429	1 073 030
Farms by value group: \$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	6 659	4 999	764	896	2 297	1 358	413	526
	12 872	9 586	1 536	1 750	4 232	2 430	897	905
	15 609	9 321	2 932	3 356	11 089	5 819	2 500	2 770
	28 782	13 277	8 671	6 834	24 951	10 278	8 251	6 422
	22 911	6 837	10 585	5 489	22 128	6 261	10 506	5 361
\$100,000 to \$199,999	14 193	3 209	8 373	2 611	14 038	3 096	8 369	2 573
\$200,000 to \$499,999	3 763	732	2 462	569	3 752	721	2 462	569
\$500,000 or more	112	22	78	12	112	22	78	12
SELECTED MACHINERY AND EQUIPMENT				1				
Motortrucks, including pickups farms	93 674	40 964	33 390	19 320	75 990	26 699	31 781	17 510
number	143 433	56 726	57 968	28 739	121 204	38 970	55 811	26 423
Wheel tractors farms	97 120	43 292	34 112	19 716	78 229	28 028	32 359	17 842
number	302 392	118 611	124 438	59 343	264 379	88 103	120 789	55 487
Less than 40 horsepower (PTO) farms	48 200	23 655	15 976	8 569	36 775	14 131	14 943	7 701
number	79 062	38 846	26 553	13 663	61 240	24 017	24 921	12 302
40 horsepower (PTO) or more farms	85 755	34 896	32 332	18 527	73 265	25 105	31 125	17 035
number	223 330	79 765	97 885	45 680	203 139	64 086	95 868	43 185
Grain and bean combines	55 575	18 036	25 445	12 094	51 340	14 837	24 985	11 518
	60 004	19 348	27 660	12 996	55 396	15 894	27 145	12 357
Mower canditioners ferms	29 756	12 558	11 736	5 462	26 065	9 566	11 456	5 043
Pickup balers farms number	31 333	13 157	12 428	5 748	27 511	10 068	12 121	5 322
	40 640	17 404	15 837	7 399	34 965	12 863	15 205	6 897
	46 867	19 778	18 597	8 492	40 645	14 908	17 913	7 824
AGRICULTURAL CHEMICALS ¹								
Commercial fertilizer farms	83 051	31 214	33 053	18 784	73 180	23 549	32 082	17 549
acres on which used	13 313 702	2 968 655	7 537 596	2 807 451	13 034 128	2 759 185	7 503 930	2 771 013
Lime farms acres on which used tons	17 823	6 579	8 100	3 144	16 103	5 170	7 911	3 022
	1 219 181	369 111	660 601	189 469	1 154 181	318 078	649 107	186 996
	2 846 408	897 165	1 530 784	418 459	2 691 096	775 325	1 504 137	411 634
Sprays, dusts, granules, fumigants, etc., to control—	41 361	14 558	17 477	9 326	37 727	11 835	17 118	8 774
Insects on hay and other crops farms acres on which used Nematodes in crops farms	4 910 343	1 168 972	2 743 060	998 311	4 827 112	1 106 868	2 735 405	984 839
	2 548	1 018	961	569	2 327	871	926	530
acres on which used	267 277	80 706	137 522	49 049	260 356	76 242	136 490	47 624
Diseases in crops and orchards farms	1 330	641	415	274	1 081	435	413	233
acres on which used	112 420	34 354	56 878	21 188	107 681	31 367	(D)	(D)
Weeds, grass, or brush in crops and pasture	70 486	25 842	28 370	16 274	62 252	19 643	27 487	15 122
	14 709 093	2 858 201	8 535 267	3 315 625	14 459 964	2 684 827	8 502 468	3 272 669
Chemicals for defoliation or for growth control of crops or thinning of fruit farms acres on which used	1 066	392	392	282	881	287	362	232
	120 779	27 6 59	57 305	35 8 15	117 261	25 747	56 651	34 863

Table 48. Summary by Tenure of Operator: 1987—Con.

Item		All far	ms			erms with sales o	of \$10,000 or more	
Koll	Total	Full owners	Part owners	Tanants	Total	Full owners	Part owners	Tenants
TENURE AND RACE OF OPERATOR								
All operators Full owners Part owners Tanants	105 180 48 226 35 207 21 747	48 226 48 226 - -	35 207 35 207	21 747 - - 21 747	82 631 30 177 33 211 19 243	30 177 30 177 - -	33 211 33 211	19 243 - - 19 243
White Full owners Part owners Tenents	105 056 48 162 35 182 21 712	48 162 48 162 - -	35 182 35 182	21 712 - 21 712	82 548 30 144 33 189 19 215	30 144 30 144 -	33 189 33 189	19 215 - 19 215
Black end other races Full owners Part owners Tenents	124 64 25 35	64 64 -	25 - 25 -	35 - 35	83 : 33 : 22 : 28 :	33 33 - -	22 - 22 -	28 - - 28
OWNED AND RENTED LAND								
Land owned farms	84 315 17 021 650	48 226 9 478 067	35 207 7 392 253	882 151 330	64 164 15 254 409	30 177 7 835 950	33 211 7 284 370	776 134 089
Owned lend in farms farms ecres.	83 433 15 050 360	48 226 7 963 226	35 207 7 087 134	-	63 388 13 819 427	30 177 6 820 684	33 211 6 998 743	=
Land rented or leased from others farms ecres Rented or leased land in farms farms acres	57 231 16 739 305 56 954 16 587 770	277 40 194 - -	35 207 10 214 427 35 207 10 168 837	21 747 6 484 684 21 747 6 418 933	52 663 16 478 516 52 454 16 338 772	209 34 643 - -	33 211 10 113 599 33 211 10 069 845	19 243 6 330 274 19 243 6 268 927
Land rented or leased to others farmsacres	14 144 2 122 825	10 044 1 555 035	2 777 350 709	1 323 217 081	9 191 1 574 726	5 486 1 049 909	2 545 329 381	1 160 195 436
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated Not on farm operated Not raported	78 710 20 505 5 965	34 434 9 910 3 882	30 415 3 524 1 268	13 861 7 071 815	63 692 14 906 4 033	21 959 5 999 2 219	28 878 3 168 1 165	12 855 5 739 649
Operators by principal occupation: FarmingOther	75 279 29 901	28 709 19 517	30 242 4 965	16 328 5 419	67 738 14 893	22 455 7 722	29 714 3 497	15 569 3 674
Operators by days of work off farm: NoneAny	51 753 46 229	21 159 22 930	20 983 12 128 5 119	9 611 11 171 4 101	45 847 30 921 11 508	16 050 11 195 2 687	20 644 10 532 4 970	9 153 9 194 3 851
1 to 99 days	13 104 7 197 25 928	3 884 3 259 15 787	2 077 4 932	1 861 5 209	5 406 14 007	1 937 6 571	1 862 3 700	1 607 3 736
Not reported Operators by years on present farm:	7 198	4 137	2 096	965	5 863	2 932	2 035	896
2 years or less	5 787 5 973 13 617 65 721 19.7	2 537 2 463 5 246 29 623 21,4	744 988 3 416 26 597 21.8	2 506 2 522 4 955 9 501 12.5	4 034 4 289 10 278 54 138 20.4	1 406 1 306 2 765 19 867 23.4	615 839 3 048 25 478 22.2	2 013 2 144 4 465 8 793 12.8
Not reported	14 082	8 357	3 462	2 263	9 892	4 833	3 231	1 828
Operators by age group: Under 25 years 25 to 34 years 35 to 44 years 45 to 49 years	2 852 17 458 21 282 10 512	816 4 707 7 691 4 622	322 4 968 8 303 4 464	1 714 7 783 5 288 1 426	2 199 14 640 16 733 8 130	472 2 924 4 299 2 718	295 4 688 7 760 4 173	1 432 7 028 4 674 1 239
50 to 54 years	11 232	5 318	4 675	1 239	8 873	3 303	4 490	1 080
55 to 59 years 60 to 64 years 65 to 69 years 70 years and over Average age	12 608 12 679 7 848 8 709 49.3	6 113 6 846 5 249 6 864 53.9	5 137 4 416 1 731 1 191 48.6	1 358 1 417 868 654 40.3	10 303 10 441 5 665 5 647 48.7	4 165 4 899 3 321 4 076 54.3	4 911 4 243 1 600 1 051 48.6	1 227 1 299 744 520 40.2
Operators by sex: Mala Female	101 838 3 342	45 734 2 492	34 740 467	21 364 383	80 750 1 881	28 944 1 233	32 814 397	18 992 251
Operators of Spanish origin (see text)	105	60	27	18	82	43	23	16
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms	89 188 25 058 946 11 088	41 321 6 358 349 4 836	30 029 13 692 689 3 051	17 838 5 007 908 3 201	68 845 23 749 442 9 349	24 922 5 339 128 3 538	28 197 13 526 300 2 910	15 726 4 884 014 2 901
Corporation:	3 802 372	940 017	1 794 599	1 067 756	3 671 569	846 165	1 778 180 1 991	1 047 224
Family held farms acres More than 10 stockholders farms 10 or less stockholders farms	4 094 2 568 304 81 4 013	1 543 571 789 43 1 500	2 003 1 1 692 517 36 1 967	548 303 998 2 546	3 845 2 543 963 78 3 767	1 348 554 152 40 1 308	1 991 1 688 923 36 1 955	506 300 888 2 504
Other than lamily held farms	310	218	51	41	250	167	49	34
More than 10 stockholders farms 10 or less stockholders farms	91 558 34 276	35 955 24 194	39 066 7 44	16 537 3 38	86 393 25 225	31 296 17 150	(D) 5 44	(D) 3 31
Other—cooperative, estate or trust, institutional, etc. farms acres.	500 116 950	308 57 116	73 37 100	119 22 734	342 106 832	202 49 943	64 (D)	76 (D)

Table 48. Summary by Tenure of Operator: 1987—Con.

ltem -		All far	ms		F	erms with sales of	\$10,000 or more	
, and	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenant
FARMS BY SIZE								
1 to 9 acres 10 to 49 acres 50 to 69 acres 70 to 99 acres 100 to 139 acres 140 to 179 acres 180 to 219 acres 220 to 259 acres 250 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	7 974 10 981 2 901 6 981 7 168 10 506 6 574 7 119 25 378 15 874 3 401 323	7 158 8 437 1 951 4 777 4 442 5 829 3 171 3 010 6 875 2 126 404 46	143 1 003 408 778 1 188 1 828 1 753 2 214 12 331 10 768 2 552 241	673 1 541 542 1 426 1 538 2 849 1 650 1 895 6 172 2 980 445 36	3 645 2 449 1 099 3 985 5 238 9 182 5 967 6 759 24 800 15 793 3 393 3 221	3 297 1 700 634 2 472 2 911 4 774 2 702 2 738 6 430 2 076 399 44	31 269 179 502 953 1 678 1 678 2 176 2 156 12 234 10 747 2 549 241	31' 48' 28' 1 01 1 37- 2 73' 1 59 1 86 6 13 2 97- 44
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; irish potatoes; field crops, except cash	50 200 1 451 - -	18 560 1 195 - -	18 640 138 - -	13 000	42 117 204 - -	12 508 118 - -	17 897 44 - - -	11 712 42 -
grains, n.e.c. (0133, 0134, 0139)	1 451	1 195	138	118	204	118		
Vegetebles and melons (016) Fruits and tree nuts (017) Horticultural specialties (018) Ganeral farms, primarily crop (019) Livestock, except dairy, poultry, and	213 195 278 1 039	125 175 221 663	50 13 33 247	38 7 24 129	79 46 192 485	32 35 151 178	30 8 27 204	17 3 14 103
enimal specialties (021) Beef cattle, except feedlots (0212)	43 979 10 095	23 127 7 351	13 874 1 771	6 978 973	33 596 4 624	14 580 2 850	12 950 1 234	6 066 540
Dairy farms (024) Poultry and eggs (025) Animal specialties (027) General farms, primarily livestock and animal specialties (029)	4 209 570 1 601 1 445	1 860 415 1 288 597	1 391 101 145 575	958 54 168 273	4 136 400 209	1 800 264 156 355	1 385 91 26 549	95 49 27 26
LIVESTOCK								
Cattle and calves inventory farms	49 469 4 303 682	22 432 1 413 373	18 237 2 199 537	8 800 690 772	40 741 4 131 811	15 370 1 277 546	17 294 2 177 740	8 07 676 52
Farms with— 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	4 928 19 719 12 289 8 310 3 423 800	3 322 10 612 4 899 2 569 827 203	863 5 465 4 970 4 301 2 132 506	743 3 642 2 420 1 440 464 91	1 992 14 500 11 762 8 274 3 416 797	844 6 466 4 497 2 542 821 200	627 4 847 4 889 4 294 2 131 506	52 3 18 2 37 1 43 46
Cows and heifers that had calved farms number Beef cows farms number	38 373 1 418 633 32 279 1 123 745	17 428 512 742 14 812 408 238	14 239 671 896 12 141 544 881	6 706 233 995 5 326 170 626	31 662 1 337 250 25 846 1 044 065	12 076 449 038 9 686 345 903	13 453 661 058 11 383 534 244	6 13 227 15 4 77 163 91
Farms with — 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	5 883 19 651 4 965 1 467 276 37	3 615 9 149 1 589 366 86 7	1 329 7 082 2 624 922 159 25	939 3 420 752 179 31 5	2 822 16 343 4 910 1 462 272 37	1 114 6 573 1 548 362 82 7	1 030 6 635 2 613 921 159 25	67 3 13 74 17 3
Milk cows farms number	7 748 294 888	3 346 104 504	2 761 127 015	1 641 63 369	7 247 293 185	2 939 103 135	2 703 126 814	1 60 63 23
Farms with— 1 to 4 5 to 9 10 to 48 50 to 99 100 to 199 200 to 499 500 or more	880 278 4 340 1 955 272 22 1	564 164 1 910 643 61 3	221 59 1 405 887 174 15	95 55 1 025 425 37 4	489 208 4 300 1 955 272 22	248 103 1 880 643 61 3	173 55 1 399 887 174 15	66 55 1 02 425 3
Herfers and heifer calves farms number	38 383 1 275 321	16 937 403 081	14 492 657 699	6 954 214 541	32 079 1 232 578	11 895 369 734	13 777 652 202	6 40° 210 64
Steers, steer calves, bulls, and bull calves	42 527 1 609 728	18 839 497 550	16 204 869 942	7 484 242 236	35 469 1 561 983	13 154 458 774	15 409 864 480	6 900 238 729
Cattle and calves sold farms S1,000 Calves farms	50 509 3 539 020 2 124 641 16 116	22 765 1 134 880 651 926 8 309	18 752 1 871 445 1 163 329 4 918	8 992 532 695 309 386 2 889	42 170 3 461 601 2 094 924 12 434	16 020 1 072 202 628 026 5 312	17 859 1 863 076 1 160 151 4 526	8 29 526 32 306 74 2 59
number \$1,000 Cattle	355 396 101 352 43 833 3 183 624 2 023 290	156 348 43 828 19 059 978 532 608 098	137 491 41 235 16 887 1 733 954 1 122 094	61 557 16 289 7 887 471 138 293 098	324 299 92 453 37 500 3 137 302 2 002 471	130 726 36 489 13 973 941 476 591 536	134 232 40 322 16 187 1 728 844 1 119 829	59 34 15 64 7 34 466 98 291 10
Fattened on grain and concentrates farms number \$1,000	22 503 2 405 669 1 643 176	8 456 698 883 471 205	9 890 1 361 728 940 361	4 157 345 058 231 610	20 611 2 393 989 1 637 051	6 930 689 253 466 217	9 695 1 360 709 939 810	3 98 344 02 231 02

Table 48. Summary by Tenure of Operator: 1987—Con.

N		All fe	rms		F	arms with sales o	\$10,000 or more	
Item	Total	Full owners	Pert owners	Tenants	Total	Full owners	Part owners	Tenants
LIVESTOCK - Con.								
Hogs end pigs inventory ferms number	36 670 12 983 074	13 285 3 887 504	15 587 6 740 565	7 798 2 355 005	34 159 12 895 969	11 247 3 816 769	15 374 6 734 617	7 538 2 344 583
Farms with	3 530	2 141	841	548	2 086	940	720	426
25 to 49	2 560 4 220	1 278 1 805	730 1 372	552 1 043	2 043 3 818	888 1 481	674 1 341	481 996
100 to 199 200 to 499	6 766 11 269	2 521 3 311	2 602 5 373	1 643 2 585	6 654 11 236	2 429 3 283	2 599 5 371	1 626 2 582
500 or more	8 325	2 229	4 669	1 427	8 322	2 226	4 669	1 427
Used or to be used for breeding farms number	26 944 1 657 873	9 379 526 871	11 778 828 150	5 787 302 852	25 482 1 641 095	8 216 513 361	11 643 826 732	5 623 301 002
Other ferms_ number_	35 152 11 325 201	12 483 3 360 633	15 165 5 912 415	7 504 2 052 153	32 937 11 254 874	10 699 3 303 408	14 974 5 907 885	7 264 2 043 581
Hogs and pigs sold farms number	38 638 23 483 812	14 220 7 471 167	16 222 11 804 306	8 196 4 208 339	35 888 23 367 520	11 978 7 374 737	15 997 11 796 007	7 913 4 196 776
\$1,000	2 494 231	747 776	1 303 979	442 476	2 484 999	740 128	1 303 353	441 518
Feeder pigs ferms number	8 972 4 460 979	3 446 1 972 089	3 385 1 652 720	2 141 836 170	8 151 4 405 253	2 791 1 925 890	3 312 1 648 314	2 048 831 049
\$1,000	209 249	90 700	79 590	38 960	207 043	88 878	79 414	38 750
Litters of pigs farrowed between — Dec. 1 of preceding year and Nov. 30 ferms	28 037	9 888	12 122	6 027	26 366	8 559	11 967	5 840
Dec. 1 and May 31 ferms	2 495 867 26 110	788 746 9 080	1 254 200 11 475	452 921 5 555	2 477 813 24 784	773 944 8 022	1 252 814	451 055 5 408
number	1 251 973 25 992	398 955 8 853	628 001 11 456	225 017 5 683	1 243 303 24 646	391 750 7 795	627 367 11 329	224 186 5 522
June 1 and Nov. 30 ferms number	1 243 894	389 791	626 199	227 904	1 234 510	382 194	625 447	226 869
Sheep and lembs of all ages inventory farms number	8 636 451 617	4 185 170 626	2 904 169 498	1 547 111 493	6 046 376 723	2 123 112 318	2 621 160 681	1 302 103 724
Ewes 1 year old or older farms number	8 089 280 591	3 884 108 729	2 740 111 546	1 465 60 316	5 664 229 796	1 964 69 672	2 472 105 338	1 228 54 786
Sheep end lambs sold farms number	8 806 607 492	4 263 181 401	2 956 195 434	1 587 230 657	6 177 546 920	2 171 133 805	2 674 188 675	1 332 224 440
Sheep end lembs shorn ferms	8 052	3 842	2 749	1 461	5 680	1 972	2 487	1 221
number pounds of wool	542 200 2 901 639	163 626 1 091 724	174 189 1 165 743	204 385 644 172	476 106 2 440 905	113 033 737 256	165 921 1 110 100	197 152 593 549
Horses end ponies inventory farms	11 647 59 338	6 070 32 164	3 757 18 927	1 820 8 247	7 176 34 375	2 540 13 120	3 194 15 303	1 442 5 952
Horses and ponies sold farms number	2 453 9 909	1 439 5 415	678 3 017	336 1 477	1 308 6 478	544 2 801	529 2 552	235 1 125
Goets inventory farms number	1 082 7 387	640 4 162	278 1 783	164 1 442	574 4 188	233 1 697	220 1 564	121 927
Goets sold ferms number	366 3 198	216 2 185	92 587	58 426	191 1 901	82 1 188	70 395	39 318
POULTRY								
Chickens 3 months old or older inventory farms number	4 897 9 580 666	2 894 7 258 358	1 304 1 703 244	699 619 064	3 299 9 510 755	1 573 7 198 069	1 128 1 697 454	598 615 232
Farms with —		1						
1 to 399	4 456 175	2 646 92	1 167 59	643 24	2 870 163	1 336 81	991 59	543 23 12
3,200 to 9,999 10,000 to 19,999	93 82	45 50	36 21	12 11	93 82	45 50	36 21	12 11
20,000 to 49,999	50	27	16	7	50	50 27	16	11
50,000 to 99,999 100,000 or more	25 16	21 13	2 3	2 -	25 16	21 13	3	-
Hens end pullets of leying ege farms number	4 834 8 212 576	2 852 6 113 208	1 291 1 521 771	691 577 597	3 255 8 148 440	1 546 6 057 957	1 117 1 516 503	592 573 980
Pullets 3 months old or older not of						159	108	55
leying ege farms number	487 1 368 090	283 1 145 150	134 181 473	70 41 467	322 1 362 315	1 140 112	180 951	41 252
Hens and pullets sold farms number	908 9 873 596	497 6 401 990	283 2 654 110	128 817 496	754 9 828 842	366 6 358 044	2 653 704	817 094
Broilers and other meat-type chickens sold ferms	1 060	480	322	258	768	251	290	227
number	666 016	405 380	130 627	130 009	582 165	337 430	121 596	123 139
Farms with 1 to 1,999	1 021	461	309	251	735	238	277	220
2,000 to 59,999	38	18	13	7 -	32	12	13	-
100,000 or more	1	1	-	-	1	1	-	-
Turkey hens kept for breeding farms number	345 71 889	203 45 124	74 13 600	68 13 165	191 71 274	80 44 63 3	59 13 546	52 13 0 <u>9</u> 5
Turkeys sold farms	407	204	123	80	320	141	109 4 127 627	882 520

Table 48. Summary by Tenure of Operator: 1987—Con.

[For maining of abbreviations and symbols, see introd	ductory text]							
ltem		All fa	erms			Farms with sales of	of \$10,000 or more	
	Totai	Full owners	Pert owners	Tenents	Total	Full owners	Pert owners	Tenents
CROPS HARVESTED								
Corn for grain or seed	83 301 10 147 051 1 274 388 346 453 62 099	30 567 2 131 931 256 325 081 123 16 923	33 318 5 812 446 741 792 924 245 36 275	19 416 2 202 674 276 270 341 85 8 901	74 285 9 973 381 1 258 020 972 434 61 726	23 767 2 007 951 244 614 474 108 16 594	32 381 5 794 209 740 154 216 243 (D)	18 137 2 171 221 273 252 282 83 (D)
Farms by ecras harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acras or mora	11 524 35 088 27 186 7 726 1 777	8 272 15 998 5 257 848 192	1 698 9 592 15 129 5 543 1 356	1 554 9 498 6 800 1 335 229	4 988 32 638 27 157 7 725 1 777	3 163 14 323 5 241 848 192	1 007 9 353 15 123 5 542 1 356	818 8 962 6 793 1 335 229
Corn for sitage or green chop farms acres tons, green Irrigated ferms acres_	7 934 205 176 3 251 394 7	2 708 61 549 924 462 1 (D)	3 883 113 351 1 848 141 6 (D)	1 343 30 276 478 791	7 742 202 856 3 217 196 6 (D)	2 562 59 717 897 805	3 858 113 084 1 844 316 6 (D)	1 322 30 055 475 075
Farms by acres harvested: 1 to 24 acres	5 508 2 112 265 41 8	1 975 652 71 9	2 507 1 187 154 31 4	1 026 273 40 1 3	5 341 2 088 264 41 8	1 850 632 70 9	2 484 1 185 154 31	1 007 271 40 1
Sorghum for grain or seed farms_scras_bushels_lrrigated farms_acres_	108 4 376 334 779	42 1 907 122 203	49 2 167 190 217 - -	17 302 22 359 -	94 4 113 325 404 -	33 1 690 116 231	47 (D) (D)	14 (D) (D)
Wheat for grein farms scres	1 345 31 047 1 180 360 2	498 10 398 372 035	629 15 936 621 379 2	218 4 713 186 946 -	1 212 28 672 1 113 489 2	395 8 358 315 254	615 15 739 614 951 2	202 4 575 183 284
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 250 to 499 acres 250 to 499 acres 500 acres or more	(D) 998 307 33 5	384 96 96 17	(D) 454 158 12 3 2	160 53 4 1	(D) 892 284 29 5 2	304 77 13 1	(D) 443 155 12 3	145 52 4 1
Berley for grain farms_acres_bushels_lrngated farms_acres_	357 6 545 358 125 7 483	157 2 903 153 748 2 (D)	134 (D) (D) 2 (D)	66 (D) (D) 3 130	339 6 340 351 973 7 483	140 2 738 148 276 2 (D)	134 (D) (D) 2 (D)	65 (D) (D) 3 130
Oats for grain	25 398 544 907 30 918 660 16	9 225 181 138 9 818 590 4	10 758 253 318 14 780 883 9	5 415 110 451 6 319 187 3	23 732 525 517 30 087 002 15	7 973 166 626 9 202 128 3	10 572 251 275 14 688 361 9	5 187 107 616 6 196 513 3
acres	18 021 7 125 238 13	306 6 903 2 248 72 2	123 7 175 3 442 130 10	3 943 1 435 36 1	(D) 16 499 6 983 236 13	(D) 5 755 2 146 70 2	7 004 3 427 130 10	55 3 740 1 410 36 1
Soybeans for beans farms_acres_bushels_Irrigated farms_acres_acres_	68 278 7 903 395 326 081 351 221 20 304	21 831 1 407 647 56 344 467 69 5 803	29 523 4 593 817 191 376 809 111 11 115	16 924 1 901 931 78 360 075 41 3 386	62 537 7 792 894 322 478 170 208 20 082	17 660 1 332 209 53 887 737 59 5 604	28 875 4 580 147 190 952 108 109 (D)	16 002 1 880 538 77 638 325 40 (D)
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	10 200 28 626 22 245 6 197 1 010	6 271 11 348 3 637 491 84	2 198 9 412 12 687 4 472 754	1 731 7 866 5 921 1 234 172	6 065 27 034 22 231 6 197 1 010	3 143 10 313 3 629 491 84	1 748 9 219 12 682 4 472 754	1 174 7 502 5 920 1 234 172
Irish potatoes	104 1 998 336 981 20 1 158	56 878 150 603 7 (D)	43 1 074 176 517 11 703	5 46 9 861 2 (D)	63 1 963 329 780 18 (D)	23 845 143 775 5 (D)	35 1 073 176 144 11 703	5 46 9 861 2 (D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) larms acres tons, dry	48 271 1 968 207 5 612 944	20 721 687 654 1 855 802	18 737 946 520 2 806 100	8 813 334 033 951 042	40 181 1 829 492 5 328 103	14 274 580 490 1 638 851	17 737 926 820 2 763 002	8 170 322 182 926 250
Imgated	45 1 216 22 645 21 233 4 085 278	25 791 11 144 8 435 1 071 64	16 (D) 7 142 9 001 2 400 173	4 (D) 4 359 3 797 614 41	37 1 146 16 299 19 538 4 037 277	18 737 6 050 7 114 1 039 64	15 (D) 6 394 8 757 2 393 172	4 (D) 3 855 3 667 605 41
Alfalfa hay farms acres tons, dry_	30 41 883 1 380 550 4 444 233	7 17 682 489 543 1 470 439	16 480 653 774 2 204 430	7 721 237 233 769 364	35 260 1 283 000 4 221 401	12 411 414 223 1 301 190	21 15 631 639 672 2 170 046	7 218 229 105 750 165
Irrigated	31 641	16 414	13 (D)	(D)	26 607	12 395	12 (D)	2 (D)

Table 48. Summary by Tenure of Operator: 1987—Con.

la		All fa	ırms			Farms with sales of	of \$10,000 or more	9
Item	Totel	Full owners	Part owners	Tenents	Total	Full owners	Part owners	Tenants
CROPS HARVESTED—Con.								_
Vegetables hervested for sale (see text) farmsecres Irrigated	64 11 2 80	16 2 - 48	41 6 2 20	7 3 - 12	64 11 2 38	16 2 - 15	41 6 2 14	7 3 - 9
0.1 to 4.9 ecres	104 13 10 30 236	57 11 (D) 14 6	8 - 10 187	40 2 (D) 6 43	50 7 7 21 234	7 5 (D) 6 (D)	5 - 9 (D)	39 2 (D) 6 43
Land in orchards farms acres farms farms acres a	21 1 458	12 - 347	7 1 - 89	2 - - 22	20 1 196	11 - 109	7 1 70	2 - - 17
Farms by bearing and nonbearing acres: 0.1 to 4.9 acres 5.0 to 24.9 acres 25.0 to 99.9 acres 100.0 to 24.9 acres 250.0 acres or more	2 488 11 270 927 77 29 18 728	1 616 7 371 387 65 23 10 338	706 2 249 459 10 (D) (D)	1 650 081 2 (D) (D)	1 644 9 878 446 32 20 15 726	848 6 117 034 22 15 9 021	653 2 144 931 8 (D) (D)	143 1 616 481 2 (D) (D)

Data are based on a sample of farms. Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 49. Summary by Type of Organization: 1987

[For meaning of abbreviations and symbols, see introductory text]

			}			Corporation			Other-
Item					Family	held	Other then	family held	cooperative
	Total	Individuel or family	Partnership	Total	Total	10 or less stock- holders	Total	10 or less stock- holders	trus institutiona et
FARMS AND LAND IN FARMS									
armsnumber	105 180 100.0	89 188 84.8	11 088 10.5	4 404 4.2	4 094 3.9	4 013 3.8	310 .3	276 .3	50
and in farmsacres	31 638 130 301	25 058 946 281	3 802 372 343	2 659 862 604	2 568 304 627	2 512 083 626	91 558 295	76 406 277	118 95 23
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text) farms\$1,000	105 180 8 926 799	69 188 6 458 754	11 088 1 167 123	4 404 1 258 180	4 094 1 120 000	4 013 1 079 773	310 138 181	276 100 807	50 42 74
Average per farmdollars	84 872	72 417	105 260	285 690	27 3 571	269 069	445 745	365 241	85 48
Farms by value of sales: Less than \$1,000 (see text) \$1,000 to \$2,499	3 782 5 017	3 460 4 624	231 307	65 51	56 42	56 42	9	8 8	3
\$2,500 to \$4,999 \$5,000 to \$9,999	5 498 8 252	5 001 7 258	393 808	75 118	53 98	42 53 95	22 20	18 17	
\$10,000 to \$19,999	12 427	10 771	1 365	208	186	183	22	21	
\$20,000 to \$24,999 \$25,000 to \$39,999	5 009 11 756	4 313 10 178	564 1 284	93 235	84 216	81 214	9 19	5 18	5
\$40,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999	5 996 20 656 20 200	5 211 17 809 16 470	613 2 095 2 357	153 681 1 332	142 650 1 282	138 632 1 261	11 31 50	11 31 42	7
\$250,000 to \$499,999	4 957	3 286	788	860	801	790	59	54	4
\$500,000 to \$999,999 \$1,000,000 or more	1 220 410	656 151	207 76	352 181	320 164	312 156	32 17	29 14	
Grains farms	81 042 3 563 323	68 385 2 793 399	8 585 388 210	3 708 370 474	3 537 360 369	3 466 352 909	171 10 105	151 9 106	30 11 24
Sales of \$50,000 or more farms \$1,000	23 982 2 507 136	19 259 1 888 093	2 347 274 921	2 323 337 920	2 260 329 356	2 216 322 463	63 8 564	59 7 7 67	6 20
Corn for grain farms	72 356 1 961 527	61 060 1 527 921	7 611 214 194	3 353 213 004	3 209 207 342	3 148 202 969	144 5 661	129 5 313	3: 6 40
Wheat farms \$1,000	1 188 2 726	945	147 348	88 291	86 (D)	84 279	(D)	1 (D)	
Soybeans farms \$1,000_	68 166 1 573 168	57 423 1 242 619	7 123 170 754	3 338 155 032	3 208 150 730	3 143 147 667	130 4 302	115 3 724	28 4 76
Sorghum for grain farms \$1,000	57 477	35 271	10 (D)	11 (D)	9 (D)	9 (D)	2 (D)	-	(1
Barley farms \$1,000	81 116	63 91	13 (D)	(D) (D)	(D) (D)	(D)	-	-	
Oats farms \$1.000	11 842 19 604	10 023 15 943	1 299 2 255	484 1 357	465 1 305	458 1 292	19 51	15 40	ì
Other grainsfarmsfarms	677 5 705	542 4 478	80 (D)	50 600	46 513	46 513	4 86	2 (D)	(1
Cotton and cottonseed farms	-	-	-	-	-	-	-	-	
Sales of \$50,000 or more farms \$1,000_		-	-	<u>-</u>	-	- -		-	
Tobacco farms \$1,000_	_	-	-	-	-	-	-	-	
Sales of \$50,000 or more farms \$1,000	-	=			-	-	-	-	
Hay, silage, and field seeds farms	12 947	11 101	1 294	494	478	471	16	14	
\$1,000 Sales of \$50,000 or more farms \$1,000	46 480 30 3 365	36 423 17 1 291	5 549 5 363	4 260 8 1 711	4 203 8 1 711	4 122 8 1 711	57 -	(D)	24
Vegetables, sweet corn, and melons farms	596	511	54	26	25	25	_1	_1	
\$1,000 Sales of \$50,000 or more farms \$1,000	7 541 30 4 384	4 464 15 1 708	1 172 6 916	931 8 (D)	(D) 8 (D)	(D) 8 (D)	(D)	(D) -	9
Fruits, nuts, and berries farms	371	335	23	11	7	7	4	4	
\$1,000 Sales of \$50,000 or more farms	2 853	2 407	305 2	(D)	120	120	(D) -	(D)	(
\$1,000 Nursery and greenhouse crops farms	1 390	1 125 246	(D) 27	(D) 83	(D) 77	(D) 76	6	5	
\$1,000 Sales of \$50,000 or more farms	38 241 111	8 239 42	2 934 11	(D) 57	18 800 53	(D) 52	(D) 4	(D)	(
\$1,000 Other crops farms	35 714 99	6 302	(D) 9	26 242 9	(D) 8	(D) 8	(D)	(D)	(
\$1,000_ Sales of \$50,000 or more farms	1 678	682	69 -	921 4	(D) 4	(D) 4	(D)	-	
\$1,000	1 259	377	- 070	882	882	882	-	10	
Poultry and poultry products farms \$1,000 Sales of \$50,000 or more farms	3 643 192 229 426	3 109 68 885 284	373 19 761 54	90 330 86	120 67 521 69	113 58 541 65	22 22 809 17	19 11 895 16	13 25
\$1,000	186 495	64 156	(D)	90 055	67 280	58 301	22 775	(D)	(
Dairy products	7 048 392 284	5 616 293 775	1 250 79 642	153 17 054	145 16 552	141 16 103	502 3	502 3	1 8
Sales of \$50,000 or more farms \$1,000_	3 165 294 998	2 377 212 957	659 64 513	117 16 085	114 15 642	112 (D)	442	442	1 44
Cattle and calvesfarms	50 509 2 124 641	42 645 1 394 178	5 956 310 258	1 721 414 487	1 640 363 177	1 601 346 399	81 51 310	69 35 588	18 5 7
Sales of \$50,000 or more farms \$1,000	7 178 1 590 392	5 289 945 986	1 074 243 204	785 397 420	755 346 820	735 330 327	30 50 600	22 34 897	3 7

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introd	ductory text]	_					_		
Item			-	Corporation			011	Other –	
					Femily held		Other than family held		other— cooperative, estate or
	Total	Individual or family	Partnership	Total	Total	10 or less stock- holders	Total	10 or less stock- holders	trust, institutional, etc.
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con. Hogs and pigs	38 638 2 494 231	32 175 1 801 644	4 578 354 150	1 786 329 505	1 656 284 029	1 626 277 654	130 45 476	122 42 329	99 8 932
Sales of \$50,000 or morefarms \$1,000	15 528 2 058 777	11 977 1 424 494	2 139 306 763	1 368 319 645	1 267 274 743	1 245 268 541	101 44 902	93 41 755	7 876
Sheep, lambs, and woolfarms	8 922 46 157	7 859 41 707	792 3 475	233 875	227 869	227 869	6 6	6 6	38 101
Sales of \$50,000 or more farms \$1,000	21 114	20 099	1 015	-	-	-	-	-	-
Other livestock and livestock products (see text)farms	3 417 17 139	3 068 12 951	235 1 599	104 2 543	93 2 518	93 2 518	11 26	11 26	10 46
Sales of \$50,000 or more farms \$1,000	60 8 848	48 5 696	1 014	2 138	2 138	2 138			-
FARM PRODUCTION EXPENSES1									
Total farm production expenses farms	105 184 6 647 645 63 200	88 896 4 829 294 54 325	11 249 801 577 71 258	4 375 980 991 224 227	4 018 866 910 215 757	3 923 829 567 211 462	357 114 081 319 556	304 79 782 262 440	664 35 782 53 889
Livestock and poultry purchased farms \$1,000	46 066 1 358 161	38 626 891 911	5 168 179 027	2 065 283 370	1 915 241 415	1 857 229 468	150 41 955	134 28 911	207 3 853
Farms with expenses of— \$1 to \$4.999	20 895	18 114	2 208	470	447	435	23	22	103
\$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	14 932 7 811 2 428	12 657 6 269 1 586	1 699 903 358	529 588 478	487 535 446	473 528 421	42 53 32	42 43 27	47 51 6
Feed for livestock and poultry farms \$1,000 Farms with expenses of	64 752 1 101 866	54 829 750 663	7 035 150 157	2 590 191 640	2 391 156 004	2 315 145 144	199 35 636	164 25 624	298 9 406
\$1 to \$4,999 \$5,000 to \$24,999	31 369 22 076	27 734 18 713	2 904 2 520	552 770	506 737	493 707	46 33	31 32	179 73
\$25,000 to \$99,999 \$100,000 or more	9 846 1 461	7 567 815	1 395 216	849 419	801 347	774 341	48 72	38 63	35 11
Commercially mixed formula feeds farms \$1,000	33 282 475 104	27 647 305 525	3 967 66 228	1 503 96 571	1 398 77 609	1 368 68 971	105 18 961	82 12 181	165 6 781
Farms with expenses of — \$1 to \$4,999	17 634	15 257	1 838	427	394	387	33	17	112
\$5,000 to \$24,999 \$25,000 to \$79,999 \$80,000 or more	11 352 3 545 751	9 435 2 538 417	1 400 617 112	480 382 214	472 355 177	463 347 171	8 27 37	7 25 33	37 8 8
Seeds, bulbs, plants, and trees farms	88 807 308 197	74 549 240 671	9 864 34 880	3 901 31 542	3 681 28 683	3 598 28 068	220 2 859	183 921	493 1 103
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999	23 074 45 976	19 877 39 264	2 587 5 155	389 1 331	349 1 229	326 1 198	40 102	28 81	221 226
\$5,000 to \$24,999 \$25,000 or more	19 426 331	15 252 156	2 053	2 076	2 005 98	1 985	71	68 6	45
Commercial fertilizerfarms	83 067 467 355	69 809 366 497	9 023 53 453	3 803 45 870	3 585 44 397	3 502 43 271	218 1 473	181 1 336	432 1 535
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999	51 929 29 100	44 843 23 639	5 554 3 185	1 207 2 177	1 071 2 108	1 041 2 068	136 69	106 62	325 99
\$25,000 to \$49,999 \$50,000 or more	1 788 250	1 202 125	229 55	349 70	339 67	330 63	10	10	8 -
Agricultural chemicals farms \$1,000_	86 631 309 894	72 790 242 033	9 456 34 908	3 883 31 472	3 652 30 415	3 572 29 734	231 1 057	200 954	502 1 482
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	66 563 19 490	57 091 15 375	7 329 2 031	1 698 2 030	1 523 1 979	1 474 1 957	175 51	148 47	445 54
\$25,000 to \$49,999 \$50,000 or more	514 64	296 28	82 14	134 21	130 20	124 17	4	4	2
Petroleum products farms \$1,000	100 939 315 061	85 346 244 263	10 759 38 259	4 222 31 245	3 898 29 117	3 803 28 103	324 2 128	272 1 446	612 1 295
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	81 446 19 169	70 559 14 648	8 297 2 397	2 051 2 057	1 823 1 974	1 762 1 946	228 83	184 77	539 67
\$25,000 to \$49,999 \$50,000 or more	274 50	125	56 9	87 27	75 26	73 22	12	11 -	6 -
Gasoline and gasoholfarms \$1,000_	87 982 105 047	74 711 83 728	9 178 12 823	3 605 8 035	3 381 7 564	3 301 7 363	224 471	179 382	488 462
Diesel fuel	73 400 136 878 5 064	61 246 105 875 3 981	8 243 16 676 658	3 579 13 845 390	3 359 13 263 365	3 292 12 943 357	220 582 25	179 523 17	332 481 35
\$1,000 LP gas, fuel oil, kerosene, motor oil,	6 637	4 083	742	1 744	1 643	1 319	100	98	68
grease, etc farms \$1,000_	86 862 66 500	73 030 50 577	9 426 8 018	3 951 7 621	3 698 6 646	3 618 6 478	253 975	211 443	455 284

Table 49. Summary by Type of Organization: 1987—Con.

			Corporation						
Item				F		Family held		Other then family held	
	Total	Individual or family	Partnership	Total	Totel	10 or less stock- holders	Total	10 or less stock- holders	estate o trust institutionel etc
FARM PRODUCTION EXPENSES¹ —Con.		0.12.1,			100	NO.GOTS	1000	71010013	O.C.
Total farm production expenses—Con. Electricity	90 255	76 184	9 581	3 982	3 687	3 593	295	250	500
\$1,000 Farms with expenses of—	126 591	95 987	15 792	13 821	12 069	11 696	1 752	1 355	500 993
\$1 to \$999. \$1,000 to \$4,999 \$5,000 to \$24,999. \$25,000 or more	47 918 39 358 2 896 83	41 817 32 661 1 681 25	4 665 4 408 493 15	1 070 2 167 705 40	997 2 032 630 28	957 1 993 617 26	73 135 75 12	48 125 68 9	366 122 17
Hired farm labor farms \$1,000	49 121 282 515	41 152 158 573	4 834 33 248	2 945 87 009	2 762 77 519	2 712 74 805	183 9 490	166 5 385	190 3 689
Farms with expenses of — \$1 to \$4.999 \$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	37 600 8 880 2 443 198	33 133 6 876 1 100 43	3 624 838 344 28	725 1 125 974 121	664 1 090 901 107	657 1 072 882 101	61 35 73 14	59 32 66 9	118 4: 25
Contract labor farms	8 078	6 629	843	546	493	486	53	50	60
\$1,000 Farms with expenses of— \$1 to \$999	21 032 3 846	15 050 3 217	2 716 405	3 141 188	2 389 177	2 316 177	752 11	502 11	125 36
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	3 123 1 032 77	2 644 723 45	246 181 11	215 122 21	190 109 17	187 106 16	25 13 4	25 12 2	18 6
Repair and maintenance farms \$1,000	91 920 407 270	78 125 318 753	9 479 47 240	3 872 39 568	3 611 37 067	3 516 35 903	261 2 502	230 2 152	444 1 709
Ferms with expenses of — \$1 to \$4.999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	63 247 27 602 905 166	55 323 22 223 518 61	6 236 3 062 152 29	1 362 2 204 232 74	1 240 2 089 214 68	1 198 2 048 207 63	122 115 18 6	103 106 18 3	326 113
Customwork, machine hire, and rental of machinery and equipment farms	57 354	48 718	5 873	2 458	2 291	2 242	167	148	305
\$1,000 Ferms with expenses of – \$1 to \$999	133 395 25 122	104 805 21 852	15 395 2 467	12 240 649	11 262 601	10 877 595	978 48	880 46	956
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	25 700 6 238 294	21 887 4 815 164	2 646 723 37	1 075 645 89	1 017 595 78	994 579 74	58 50 11	52 40 10	92 55
Interest expense farms \$1,000	67 262 579 338	57 427 451 679	6 433 57 066	3 186 68 580	3 004 65 018	2 945 62 991	182 3 562	170 2 786	216 2 013
Farms with expenses of – \$1 to \$4,999 \$5,000 to \$24,999	37 493 24 442	32 670 20 881	3 728 2 143	974 1 340	913 1 247	911 1 209	61 93	53 90	121 78
\$25,000 to \$99,999 \$100,000 or more	5 121 206	3 787 89	539 23	781 91	759 85	746 79	22 6	22 5	12
Secured by real estate	44 371 390 226	38 234 308 534	3 654 34 705	2 363 45 767	2 225 43 815	2 180 42 578	138 1 952	129 1 924	120 1 220
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999	6 684 16 369	5 925 14 462	581 1 316	165 536	160 494	159 491	5 42	5 34	13 55
\$5,000 to \$24,999 \$25,000 or more	17 889 3 429	15 391 2 456	1 403 354	1 050 612	978 593	949 581	72 19	71 19	45 7
Not secured by real estate	41 208 189 113	35 105 143 145	4 127 22 362	1 832 22 814	1 760 21 204	1 728 20 413	72 1 610	69 862	144 793
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999	13 476 16 664	11 856 14 506	1 299	277	258 490	258	19	19	44 44
\$5,000 to \$24,999 \$25,000 or more	10 034 1 034	8 117 626	1 613 1 062 153	501 803 251	771 241	488 753 229	11 32 10	11 30 9	52 4
Cash rent farms \$1,000	41 375 492 800	34 936 387 821	4 114 54 209	2 171 49 637	2 117 48 727	2 077 48 125	54 910	49 84 1	154 1 133
Ferms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	15 835 8 684	13 631 7 485	1 639 828	467 347	455 330	441 324	12 17	10 17	98 24
\$10,000 to \$24,999 \$25,000 or more	11 593 5 263	9 836 3 984	1 081 566	651 706	634 698	618 694	17 8	15 7	24 25 7
Property taxes	87 431 230 810	74 537 179 695	8 414 25 305	3 944 24 369	3 598 22 916	3 503 22 175	346 1 452	296 1 191	536 1 442
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	75 206 9 596	65 632 7 385	7 005 1 014	2 091 1 172	1 819 1 130	1 767 1 110	272 42	230 40	478 25 27
\$10,000 to \$24,999 \$25,000 or more	2 474 155	1 467 53	369 26	611 70	583 66	567 59	28 4	24	27 6
All other farm production expenses farms \$1,000 Farms with expenses of —	101 919 513 358	86 064 380 896	10 994 59 921	4 294 67 487	3 960 59 911	3 865 56 892	334 7 577	283 5 497	567 5 053
\$1 to \$4,999 \$5,000 to \$24,999	73 591 25 444	63 465 20 721	7 729 2 925	1 904 1 740	1 720 1 660	1 669 1 634	184 80	153 76	493 58
\$25,000 to \$49,999 \$50,000 or more	2 166 718	1 519 359	232 108	403 247	372 208	364 198	31 39	20 34	12 4

Table 49. Summary by Type of Organization: 1987—Con.

				····		Corporation			<u> </u>
ltem				Total	Family	held	Other than family held		Other – cooperative,
		Individual or family			Total	10 or less stock- holders	Total	10 or less stock- holders	estate or trust, institutional, etc.
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT ¹									
All farmsnumber	105 184 2 146 997 20 412	88 896 1 568 415 17 643	11 249 318 074 28 276	4 375 249 276 56 977	4 018 223 063 55 516	3 923 219 159 55 865	357 26 213 73 427	304 22 560 74 210	664 11 231 16 914
Farms with net gains ² number Avarage net gaindollars	74 987 31 660	62 034 28 315	9 096 36 902	3 433 78 406	3 159 76 613	3 082 76 213	274 99 070	248 93 914	424 30 076
Gain of — Less than \$1,000	4 767 22 906 33 147 14 167	4 135 19 612 27 783 10 504	485 2 576 3 923 2 112	111 528 1 286 1 508	83 465 1 220 1 391	82 452 1 179 1 369	28 63 66 117	24 52 63 109	36 190 155 43
Farms with net lossesnumber Average net lossdollars	30 197 7 521	26 862 7 003	2 153 8 167	942 21 116	859 22 071	841 18 703	83 11 225	56 13 051	240 6 338
Loss of — Less than \$1,000	4 943 18 984 5 889 381	4 460 17 073 5 050 279	388 1 274 455 36	43 477 358 64	42 429 326 62	42 428 311 60	1 48 32 2	1 31 22 2	52 160 26 2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments	75 203 1 153 713 30 370 132 008	63 201 911 586 25 982 107 848	8 125 125 624 2 930 12 057	3 575 112 825 1 330 10 562	3 437 109 964 1 267 10 340	3 363 107 282 1 229 9 904	138 2 861 63 222	128 2 651 42 110	302 3 678 128 1 541
Customwork and other agricultural services farms	15 001 61 977	12 980 51 386	1 376 6 199	628 4 375	598 4 308	589 4 130	30 68	30 68	17 17
Gross cash rent or share payments farms \$1,000 Forast products and Christmas trees \$1,000 Other farm-related income sources farms \$1,000	8 633 58 000 710 1 876 11 908 10 156	7 335 47 090 616 1 393 10 137 7 980	801 4 695 40 91 1 229 1 073	394 4 704 54 392 533 1 091	365 4 589 53 (D) 527 (D)	337 4 390 52 378 517 1 006	29 115 1 (D) 6 (D)	9 20 1 (D) 5 (D)	103 1 511 - - 9 12
COMMODITY CREDIT CORPORATION LOANS	10 100	, 500	1 0.0	1 331		1 000	(5)		,
Total	51 178 1 598 775 50 551 1 298 123	43 074 1 234 850 42 531 998 302	5 176 170 401 5 117 140 819	2 779 190 060 2 755 155 896	2 695 185 789 2 671 152 444	2 638 181 721 2 614 148 980	84 4 271 84 3 452	77 4 037 77 (D)	149 3 465 148 3 106
Wheat	61 127 14 094 298 747	49 80 11 908 235 314	6 34 1 254 (D)	6 13 898 33 827	6 13 878 33 008	6 13 861 32 404	- 20 819	19 (D)	- 34 (D)
Sorghum, barlay, and oats farms \$1,000 Cotton farms	86 190	64 97	13 (D)	8 (D)	8 (D)	8 (D)	-	-	1 (D)
\$1,000 Peanuts, rya, rice, tobacco, end honey farms \$1,000	70 1 587	66 1 056	2 (D)	2 (D)	2 (D)	2 (D)	-	-	- -
LAND IN FARMS ACCORDING TO USE									
Total cropland	96 749 27 290 868 92 878 20 484 178	82 220 21 579 015 78 763 16 115 058	10 010 3 253 379 9 710 2 449 752	4 085 2 365 330 3 991 1 852 418	3 862 2 291 944 3 793 1 798 321	3 787 2 243 139 3 718 1 758 923	223 73 386 198 54 097	196 64 823 176 47 005	434 93 144 414 66 950
Farms by acres harvasted: 1 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acras 500 to 999 acres 1,000 to 1,999 acras 2,000 acres or more	17 548 13 956 23 454 29 005 7 723 1 114 78	15 887 12 061 20 126 24 484 5 599 578 28	1 265 1 566 2 715 2 948 965 229 22	298 238 490 1 492 1 143 303 27	238 209 457 1 450 1 120 293 26	236 205 444 1 420 1 105 283 25	60 29 33 42 23 10	54 25 29 38 22 7 1	98 91 123 81 16 4
Cropland: Pastura or grazing only farms acres	36 766 2 283 547	31 402 1 848 340	4 037 307 980	1 188 117 891	1 136 113 396	1 107 110 741	52 4 495	47 4 355	139 9 336
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured	27 088 1 670 711	22 884 1 345 705	2 732 182 643	1 351 135 563	1 285 130 101	1 258 128 067	66 5 462	57 4 658	121 6 800
On which all crops failed farms acres In cultivated summer fallow farms	1 640 45 013 844	1 390 37 757 709	169 3 857 108	70 (D) 25	65 (D) 22	64 (D) 22	5 (D) 3	(D) 3	11 (D) 2
ldlefarms acres	45 160 42 114 2 762 259	37 441 35 374 2 194 714	5 709 4 319 303 438	(D) 2 244 254 409	(D) 2 142 245 690	(D) 2 096 241 028	(D) 102 8 719	(D) 89 8 292	(D) 177 9 698
Total woodland farms. acres Woodland pastured farms acres acres	24 782 1 316 448 14 393 774 976	21 173 1 065 432 12 320 629 176	2 641 170 861 1 617 107 314	871 73 027 411 35 233	818 66 850 392 33 210	798 64 790 383 32 081	53 6 177 19 2 023	44 5 068 18 (D)	97 7 128 45 3 253
Woodland not pestured farms acres	14 477 541 472	12 310 436 256	1 507 63 547	595 37 794	553 33 640	538 32 709	42 4 154	(D)	65 3 875

Table 49. Summary by Type of Organization: 1987—Con.

ltem									011
Na.ii					Family held		Other then family held		Other cooperative,
	Total	Individual or family	Pertnership	Total	Total	10 or less stock- holders	Total	10 or lass stock- holders	esteta or trust institutional, etc.
AND IN FARMS ACCORDING TO USE—Con.			- Control of the cont		7,0,0		7010	7,0,0013	0.0
estureland and rangeland other than									
cropland and woodland pastured farms acras	22 415 1 452 248	19 193 1 141 291	2 287 204 111	844 98 586	809 92 244	790 89 887	35 6 342	28 2 578	9 8 26
and in house lots, ponds, roads, wastaland, etc	79 586 1 578 566	67 780 1 273 208	7 984 174 021	3 466 122 919	3 241	3 177	225 5 653	195	35i 8 41i
ropland under federal acreage reduction programs:	1 5/8 500	1 2/3 208	174 021	122 919	117 266	114 267	5 653	3 937	8 41
Annual commodity acreage adjustment programsfarms	69 141	58 112	7 363	3 412	3 292	3 222	120	112	25
Conservation reserve program farms acres	3 560 902 8 050 697 896	2 817 249 6 808 571 205	407 332 708 68 225	326 371 499 53 440	318 136 480 51 128	311 520 469 50 464	8 235 19 2 312	7 733 18 (D)	9 95 3 5 02
	105 184	88 896	11 249	4 375	4 018	3 923	357	304	66
elue of lend and buildings1 farms \$1,000_ Average per farm dollars	29 829 901 283 597	23 490 430 264 246	3 463 102 307 859	2 737 739 625 769	2 600 678 647 257	2 545 544 648 877	137 061 383 924	109 240 359 342	138 63 208 78
Average per farmdollars Average per acredollars	947	939	921	1 053	1 042	1 043	1 328	1 222	96
Farms by value group: \$1 to \$39,999	13 227	11 356	1 365	300	233	222	67	57	200
\$40,000 to \$69,999 \$70,000 to \$99,999	11 020 9 152	9 990 7 955	804 986	155 148	123 129	123 129	32 19	28 10	7 6
\$100,000 to \$149,999 \$150,000 to \$199,999	12 468 9 769	10 830 8 363	1 316 1 174	235 180	195 157	195 142	40 23	39 22	8° 5
\$200,000 to \$499,999 \$500,000 to \$999,999	31 637 14 045	26 639 11 308	3 644 1 416	1 250 1 259	1 149 1 218	1 113 1 200	101 41	81 38	104 62
\$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999	3 466 380	2 289	448 92	718 119	690 116	679 112	28	26 2	1
\$5,000,000 or more	20	5	4	11	8	8	3	ī	
ALUE OF MACHINERY AND EQUIPMENT ¹									
stimated market value of all machinery	104 001	99 694	11 104	4 366	4.016	2 021	350	297	65
and equipment farms \$1,000 Farms by value group:	104 901 5 543 375	88 684 4 374 155	11 194 664 467	4 366 474 915	4 016 449 085	3 921 440 268	25 831	20 875	29 83
\$1 to \$4,999 \$5,000 to \$9,999	6 659 12 872	5 841 11 531	652 963	110 215	93 168	92 162	17 47	15 47	56 163
\$10,000 to \$19,999 \$20,000 to \$49,999	15 609 28 782	13 737 24 670	1 464 3 326	329 635	294 550	278 522	35 85	34 58	79 15
\$50,000 to \$99,999	22 911	19 147	2 522	1 113	1 044	1 032	69	61	129
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	14 193 3 763 112	11 155 2 549 54	1 748 507 12	1 231 690 43	1 163 663 41	1 146 650 39	68 27 2	56 25 1	59 17
ELECTED MACHINERY AND EQUIPMENT							!		
lotortrucks, including pickups farms_ number	93 674 143 433	79 287 117 179	9 860 16 525	4 018 8 970	3 737 8 348	3 648 8 105	281 622	230 449	509 759
/heel tractorsfarms number	97 120 302 392	81 990 247 630	10 449 35 998	4 092 17 041	3 779 16 090	3 684 15 695	313 951	265 795	589 1 720
Less than 40 horsepower (PTO) farms number	48 200 79 062	40 709 65 82 4	5 171 8 938	1 953 3 703	1 834 3 509	1 774 3 419	119 194	103 160	36° 59°
40 horsepower (PTO) or more farms number	85 755 223 330	72 028 181 806	9 441 27 060	3 810 13 338	3 520 12 581	3 434 12 276	290 757	245 635	470 1 120
rain and bean combines farms number	55 575 60 004	45 730 49 074	6 477 7 112	3 094 3 500	2 919 3 299	2 871 3 24 3	175 201	152 160	274 318
ottonpickers and strippers farms number					-	-	- -	-	
lower conditioners farmsnumber	29 756 31 333	24 190 25 402	4 040 4 241	1 345 1 495	1 249 1 398 1 439	1 203 1 351 1 411	96 97 111	93 94 107	18 19: 17:
ickup balers farms number	40 640 46 867	33 676 38 659	5 239 6 181	1 550 1 810	1 680	1 648	130	125	21
GRICULTURAL CHEMICALS							'		
commercial fertilizer farms acres on which used	83 051 13 313 702	69 809 10 427 055	9 013 1 583 443	3 803 1 248 352	3 585 1 208 668	3 502 1 182 676	218 39 684	181 35 121	420 54 85
ime farms acres on which used	17 823 1 219 181	14 666 956 752 2 229 029	2 222 156 552	876 101 735	98 464 229 581	97 304 226 495	36 3 271 8 517	33 3 086 8 057	59 4 142 9 93
prays, dusts, granules, fumigants, etc., to control—	2 846 408	2 229 029	369 350	238 098	229 361	220 495	6 517	8 037	9 93
Insects on hay and other crops farms acres on which used	41 361 4 910 343	33 965 3 741 992	4 918 639 491	2 244 508 912	2 106 489 796	2 069 478 855	138 19 116	123 17 558	234 19 948
Nematodes in crops farms acres on which used	2 548 267 277	2 053 207 218	326 34 613	149 23 833	132 22 305	125 20 670	17 1 528	17 1 528	1 61:
Diseases in crops and orchards farms acres on which used Weeds, grass, or brush in crops and	1 330 112 420	1 014 75 953	167 18 294	106 12 912	102 12 271	102 12 271	641	(D)	5 26
pasture farms acres on which used	70 486 14 709 093	59 246 11 591 094	7 593 1 636 357	3 269 1 424 410	3 085 1 376 647	3 008 1 346 995	184 47 763	162 44 388	978 57 232
Chemicals for defoliation or for growth					81		2	2	

Table 49. Summary by Type of Organization: 1987—Con.

						Corporetion			
item					Femily	held	Other than	family held	Other - cooperative,
	Total	Individuel or family	Pertnership	Total	Total	10 or less stock- holders	Total	10 or less stock- holders	estate or trust, institutional, etc.
TENURE AND RACE OF OPERATOR									
All operators	105 180 48 226 35 207 21 747	89 188 41 321 30 029 17 838	11 088 4 836 3 051 3 201	4 404 1 761 2 054 589	4 094 1 543 2 003 548	4 013 1 500 1 967 546	310 218 51 41	276 194 44 38	500 308 73 119
White Full owners Part owners Tenants	105 056 48 162 35 182 21 712	89 085 41 268 30 006 17 811	11 075 4 830 3 050 3 195	4 401 1 758 2 054 589	4 091 1 540 2 003 548	4 010 1 497 1 967 546	310 218 51 41	276 194 44 38	495 306 72 117
Black and other races Full owners Part owners Tenants	124 64 25 35	103 53 23 27	13 6 1 6	3 3 -	3 3 - -	3 3 -	- - -	- - - -	5 2 1 2
OWNED AND RENTED LAND									
Land owned farms	84 315 17 021 650 83 433 15 050 360	72 108 13 402 140 71 350 11 873 120	7 968 1 962 426 7 887 1 701 130	3 849 1 558 360 3 815 1 397 756	3 579 1 491 893 3 546 1 339 109	3 500 1 438 382 3 467 1 295 326	270 66 467 269 58 647	239 54 293 238 48 523	390 98 724 381 78 354
acres Land rented or leased from others farms	57 231	48 086	6 291	2 660	2 567	2 529	93	83	194
Acres	16 739 305 56 954 16 587 770	13 295 113 47 867 13 185 826	2 126 171 6 252 2 101 242	1 277 860 2 643 1 262 106	1 244 908 2 551 1 229 195	1 232 430 2 513 1 216 757	32 952 92 32 911	27 924 82 27 883	40 161 192 38 596
Lend rented or leased to others farms acres	14 144 2 122 825	11 780 1 638 307	1 622 286 225	645 176 358	597 168 497	574 158 729	48 7 861	39 5 811	97 21 935
OPERATOR CHARACTERISTICS									
Operators by place of residence: On ferm operated Not on farm opereted Not reported	78 710 20 505 5 985	68 412 , 15 799 4 977	7 074 3 367 647	3 010 1 097 297	2 884 930 280	2 831 905 277	126 167 17	120 139 17	214 242 44
Operators by principal occupation: FarmingOther	75 279 29 901	63 076 26 112	8 300 2 788	3 609 795	3 428 666	3 363 650	181 129	167 109	294 206
Operators by days of work off farm: NoneAny	51 753 46 229	42 757 40 304	5 895 4 381	2 884 1 312	2 715 1 186	2 666 1 161	169 126	150 111	217 232
1 to 99 days	13 104 7 197 25 928	11 194 6 316 22 794	1 370 647 2 364	486 213 613	463 196 527	455 194 512	23 17 86	22 14 75	54 21 157
Not reported	7 198	6 127	812	208	193	186	15	15	51
2 years or less 3 or 4 years 5 to 9 years 10 years or more	5 787 5 973 13 617 65 721	4 734 4 951 11 317 56 644	778 813 1 736 6 000	208 165 492 2 874	173 134 450 2 735	169 133 444 2 678	35 31 42 139	23 28 36 129	67 44 72 203
Average years on present farm	19.7	19.7	18.9	21.1	21.7	21.6	13.4	14.3	14.9
Not reported	14 082	11 542	1 761	665	602	589	63	60	114
Under 25 years	2 852 17 458 21 282 10 512	2 482 14 675 18 259 9 168	313 2 257 1 968 776	36 450 960 528	32 399 876 499	31 394 865 487	4 51 84 29 33	4 44 69 25 32	21 76 95 40 39
50 to 54 years	11 232 12 608	9 690 10 725	963 1 206	540 615	507 577	500 565	38	35	1
60 to 64 years 65 to 69 years	12 679 7 848 8 709 49.3	10 541 6 525 7 123 49.2	1 464 935 1 206 49.6	612 348 315 51.1	580 330 294 51.3	566 321 284 51.3	32 18 21 47.9	30 17 20 48.5	62 62 40 65 50.8
Operators by sex: Male Female	101 838 3 342	86 458 2 730	10 661 427	4 263 141	3 963 131	3 883 130	300 10	267 9	456 44
Operators of Spanish origin (see text)	105	84	8	10	9	9	1	1	3
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) farms acres	89 188 25 058 946	89 188 25 058 946	-	-		-	-	_	-
Partnership farms acres	11 088 3 802 372	25 050 540	11 088 3 802 372	:		_	_		-
Corporation: farms	4 094 2 568 304 81	=	-	4 094 2 568 304 81	4 094 2 568 304 81	4 013 2 512 083	=	-	- - -
10 or less stockholders farms Other than family held farms	4 013	-	-	4 013 310	4 013	4 013	310	276	_
More than 10 stockholders farms_ 10 or less stockholders farms_	91 558 34 276	-	- - -	91 558 34 276	-	=	91 558 34 276	76 406 276	=
Other—cooperative, estate or trust, institutional, etc. farms_acres_	500 116 950	-	-	-		-	_	-	500 116 950

Table 49. Summary by Type of Organization: 1987—Con.

					(Carparetion			
Item					Family	held	Other than	family held	Other - cooperative,
	Total	Individual or family	Partnership	Total	Total	10 or less stock- holders	Total	10 ar less stack- halders	estate or trust, institutional, etc.
FARMS BY SIZE									
1 to 9 acres	7 974 10 981 2 901 6 981 7 168 10 506 6 574 7 119 25 378 15 874 3 401 323	6 623 9 933 2 573 6 179 6 258 9 121 5 669 6 148 21 731 12 682 2 129 142	1 017 757 255 641 765 1 144 743 773 2 609 1 728 570 86	278 221 52 119 106 172 131 172 941 1 433 687 92	226 146 42 99 86 151 120 162 909 1 402 663 88	223 145 42 98 85 118 158 885 1 382 652 83	52 75 10 20 20 21 11 10 32 31 24 4	49 71 7 15 18 18 11 7 29 29 19 3	56 70 21 42 39 69 31 26 97 31
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION					l				
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; Irish potatoes; field crops, except cash	50 200 1 451 - -	42 849 1 321 - -	4 835 90 - -	2 243 30 - -	2 117 29 - -	2 077 29 - -	126 1 - -	111 1 -	273 10 - -
grains, n.e.c. (0133, 0134, 0139)	1 451	1 321	90	30	29	29	1	1	10
Vegetables and melons (016)	213 195 278 1 039	186 178 178 921	20 13 21 87	5 4 78 23	5 3 72 19	5 3 71 19	1 6 4	1 5 3	2 - 1 8
animal specialties (021) Beef cattle, except feedlots (0212)	43 979 10 095	37 138 8 954	4 896 942	1 772 156	1 625 140	1 592 139	147 16	132 12	173 43
Dairy farms (024) Poultry and eggs (025) Animal specialities (027) General farms, primarily livestock and animal specialities (029)	4 209 570 1 601 1 445	3 356 436 1 467	759 53 85 229	77 77 44 51	73 59 42 50	70 55 42 50	4 18 2	4 16 2	17 4 5 7
LIVESTOCK					1				
Cattle and calves inventory farmsnumber	49 469 4 303 682	41 811 3 168 766	5 820 653 964	1 653 465 588	1 573 428 704	1 535 414 740	80 36 884	69 27 198	185 15 364
Farms with— 1 to 9	4 928 19 719 12 289 8 310 3 423 800	4 501 17 439 10 423 6 589 2 416 443	347 1 867 1 550 1 304 607	64 333 270 391 386 209	57 308 261 379 368 200	56 297 255 374 360 193	7 25 9 12 18 9	7 21 9 10 16 6	16 80 46 26 14 3
Cows and heifers that had calvedfarms number Beef cowsfarms number	38 373 1 418 633 32 279 1 123 745	32 524 1 115 974 27 627 893 936	4 606 213 135 3 555 152 869	1 101 82 877 979 71 603	1 040 78 471 927 67 533	1 018 76 528 906 65 911	61 4 406 52 4 070	52 2 959 43 2 623	142 6 647 118 5 337
Farms with— 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	5 883 19 651 4 965 1 467 276 37	5 323 17 037 4 023 1 059 164 21	464 2 115 673 239 57	76 431 252 159 52 9	69 410 246 144 50 8	69 398 242 141 48	7 21 6 15 2	5 18 6 13 1	20 68 17 10 3
Milk cows farms number	7 748 294 888	6 247 222 038	1 313 60 266	157 11 274	147 10 938	143 10 617	10 336	10 33 6	31 1 310
Farms with— 1 to 4 5 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	860 278 4 340 1 955 272 22	793 236 3 611 1 420 173 13	75 37 665 462 71 3	8 3 49 65 26 6	6 1 46 63 25 6	6 1 44 62 24 6	22321	2 2 2 3 2 1 1	4 2 15 8 2 -
Heifers and heifer calves farmsnumber	38 383 1 275 321	32 374 925 430	4 628 192 502	1 244 153 553	1 184 137 251	1 156 130 920	60 16 302	50 10 252	137 3 836
Steers, steer calves, bulls, and bull calves	42 527 1 609 728	35 890 1 127 362	5 037 248 327	1 443 229 158	1 381 212 982	1 344 207 292	62 16 176	53 13 987	157 4 881
Cattle and calves sold farms number 51,000 Calves farms number nu	50 509 3 539 020 2 124 641 16 116 355 396	42 645 2 410 991 1 394 178 13 847 296 298	5 956 511 080 310 258 1 902 45 402	1 721 606 479 414 487 295 11 671	1 640 533 679 363 177 272 10 165	1 601 509 567 346 399 266 10 096	81 72 800 51 310 23 1 506	69 49 556 35 588 17 726	187 10 470 5 718 72 2 025
S1,000_ Cattle	101 352 43 833 3 183 624 2 023 290 22 503 2 405 669 1 643 176	84 937 36 799 2 114 693 1 309 241 18 488 1 509 203 1 021 359	12 287 5 245 465 678 297 971 2 773 355 233 242 981	3 561 1 620 594 808 410 927 1 146 535 427 374 939	3 087 1 553 523 514 360 090 1 110 475 419 333 074	3 073 1 516 499 471 343 327 1 083 452 037 316 661	474 67 71 294 50 837 36 60 008 41 866	233 60 48 830 35 356 31 37 993 26 610	566 169 8 445 5 152 96 5 806 3 898

Table 49. Summary by Type of Organization: 1987—Con.

						Corporation	7		
ltem.					Family	held	Other than	family held	Other – cooperative
(CIII	Total	Individual or family	Partnership	Total	Total	10 or less stock- holders	Total	10 or less stock- holders	estate or trust institutional etc
LIVESTOCK—Con.									
Hogs and pigs inventory farms	36 670	30 494	4 372	1 711	1 582	1 552	129	121	90
Farms with—		9 480 466 3 199	1 867 665 279	1 585 487 44	1 365 553	1 332 441	219 934	206 630	49 456
1 to 24 25 to 49	2 560	2 252 3 717	264 440	40 54	34 52	35 34 52	6 2	6 2	
50 to 99	6 766	5 884 9 445	727 1 355	139 438	132 422	128 413	7 16	7 16	16
500 or more		5 997	1 307	996	905	890	91	83	2
Used or to be used for breeding farmsnumber	1 657 873	22 158 1 192 031	3 390 239 239	1 316 218 780	1 221 171 460	1 198 168 224	95 47 320	89 44 4 98	80 7 823
Other farms number_	35 152	29 166 8 288 435	4 215 1 628 426	1 683 1 366 707	1 557 1 194 093	1 528 1 164 217	126 172 614	118 162 132	88 41 630
Hogs and pigs sold farms		32 175	4 578	1 786	1 656	1 626	130	122	99
number_ \$1,000_	2 494 231	16 808 320 1 801 644	3 279 086 354 150	3 301 696 329 505	2 597 536 284 029	2 543 343 277 654	704 160 45 476	668 552 42 329	94 710 8 932
Feeder pigsfarmsnumber \$1,000	8 972 4 460 979 209 249	7 567 2 977 855 141 635	1 010 514 164 24 237	369 934 995 41 826	308 450 631 21 841	304 447 442 21 683	61 484 364 19 985	58 468 162 19 199	33 965 1 550
	203 243	141 005	24 257	41 020	21 041	21 000	15 505	10 .00	, 55,
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 farms number	28 037 2 495 867	23 122 1 762 350	3 486 361 104	1 346 360 953	1 245 280 611	1 220 274 146	101 80 342	95 75 583	8: 11 46
Dec. 1 and May 31 farms number_		21 428 884 400	3 298 182 351	1 304 179 528	1 205 139 574	1 180 136 188	99 39 954	93 37 370	5 69
June 1 and Nov. 30 farms_ number_	25 992 1 243 894	21 353 877 950	3 255 178 753	1 305 181 425	1 210 141 037	1 186 137 958	95 40 388	90 38 213	79 5 760
Sheep and lambs of all ages inventory farms	8 636	7 615	764	221	214	214	7	7	36
numberfarmsnumbernumbernumber		395 721 7 133 242 298	41 994 715 27 626	12 443 208 9 633	12 311 203 (D)	12 311 203 (D)	132 5 (D)	132 5 (D)	1 459 30 1 034
Sheep and lambs soldfarms	8 806 607 492	7 756 551 799	784 43 568	228 10 925	222 10 821	222 10 821	6 104	6 104	3i 1 200
Sheep and lambs shornfarmsnumber		7 086 484 495	717 42 754	216 13 785	211 13 724	211 13 724	5 61	5 61	1 160
pounds of wool_	2 901 639	2 530 238	273 765	89 133	88 774	88 774	359	359	8 500
Horses and ponies inventory farms_number_		10 338 52 763	915 4 206	352 2 105	334 1 969	327 1 955	18 136	17 (D)	4: 26
Horses and ponies sold farms number_	9 909	2 217 9 141	160 463	70 282	62 246	62 246	36	8 36	2:
Goats inventory farmsnumber	7 387	987 6 514	73 658	18 138	17 (D)	17 (D)	(D)	(D)	7
Goats sold farms number.		336 2 996	25 142	(D)	(D)	(D)	(D)	(D)	(D
POULTRY									
Chickens 3 months old or older inventory farms_number_		4 324 4 171 986	454 714 673	98 3 842 072	90 3 217 419	85 2 994 169	624 653	7 (D)	851 939
Farms with— 1 to 399	4 456	3 979	407	54	53	50	1	1	19
400 to 3,199	93	147 78	19 10	7 4	3	6	1	-	
10,000 to 19,999 20,000 to 49,999 50,000 to 99,999	50	65 38 13	12 2 3	10 10 9	8 7	4 8 7	2 2	2 2	
100,000 or more		4	1	10	8	7	2	2	
Hens and pullets of laying age farms number_		4 269 3 483 799	449 633 753	96 3 423 989	88 (D)	83 (D)	8 (D)	7 (D)	671 03
Pullets 3 months old or older not of laying age farms		432	42	10	8	8	2	2	
number Hens and pullets sold	908	688 187 756	80 920 87	418 083 56	(D) 47	(D) 45	(D) 9	(D) 8	180 900 373 609
number	9 873 596	5 253 006	1 137 801	3 109 180	2 477 290	(D)	631 890	(D)	373 003
Broilers and other meat-type chickens soldfarms		936	96 35 475	21 45 290	18 19 890	16 (D)	3 25 400	3 25 400	2 430
Farms with — 1 to 1,999		582 821 905	92	45 290	15	13	25 400	25 400	2 70
2,000 to 59,999 60,000 to 99,999	. 38	30	4	4	3	3	1 -	1 -	
100,000 or more		1	-	-	-	-	_	-	
Turkey hens kept for breeding farms_number_		299 21 601	33 19 808	8 30 469	(D)	5 13 119	(D)	(D)	1
Turkeys sold farms_ number_	. 407	325 3 521 666	36 (D)	44 4 982 036	36 3 277 653	33 2 453 619	1 704 383	7 (D)	(0

Table 49. Summary by Type of Organization: 1987—Con.

						Corporation			
Item					Femily	held	Other then	family held	Other cooperative,
NO	Total	Individual or femily	Partnership	Total	Totel	10 or less stock- holders	Total	10 or less stock- holders	estate or trust, institutional, etc.
CROPS HARVESTED									
Com for grain or seedfarmsacresbushels	83 301 10 147 051 1 274 388 346	70 134 7 895 205 984 211 771	9 059 1 221 806 153 138 018	3 739 997 346 133 142 547	3 575 970 348 129 702 405	3 501 948 308 126 681 125	164 26 998 3 440 142	148 24 830 3 230 880	369 32 694 3 896 010
Irrigatedfarmsacres	453 62 099	348 42 673	48 8 465	54 10 840	52 (D)	49 10 011	2 (D)	1 (D)	3 121
Farms by acres harvested: 1 to 24 ecres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	11 524 35 088 27 186 7 726 1 777	10 357 30 183 22 937 5 670 987	974 4 045 2 753 976 311	114 682 1 401 1 069 473	83 624 1 362 1 045 461	82 608 1 331 1 033 447	31 58 39 24 12	28 48 38 24 10	79 178 95 11 6
Corn for silege or green chop ferms_acres_tons, green_lmigated ferms_acres_tons.	7 934 205 176 3 251 394 7	6 118 142 156 2 251 192 6	1 291 35 242 535 090	492 26 522 447 766	478 25 351 426 753	462 24 474 412 772 1 (D)	14 1 171 21 013 -	11 1 100 19 799 -	33 1 256 17 346 -
acres	5 508 2 112 265 41 8	(D) 4 429 1 509 160 17 3	862 372 51 2	(D) 200 219 50 22	(D) 196 212 50 19	192 203 47 19	4 7 - 3	2 6 3	17 12 4 -
Sorghum for grain or seed farms_ ecres bushels Irrigeted ferms_ ecres	108 4 376 334 779 -	70 2 306 159 415	19 430 27 042 -	16 1 632 147 937	13 1 570 146 317 -	13 1 570 146 317 - -	3 62 1 620 -	-	3 8 385 - -
Wheet for grain farms ecres bushels	1 345 31 047 1 180 360	1 080 23 455 903 699	159 4 367 152 813	96 3 113 119 894	92 3 063 118 674	90 (D) (D)	4 50 1 220	3 (D) (D)	10 112 3 954
Irrigated	2 (D) 998 307 33 5	2 (D) 815 238 23 3	- 113 38 6 1	61 30 4	58 29 4	57 28 4	3 1 -	- 2 1 -	9 1
Barley for grain farms acres. bushela. Imigated farms acres	357 6 545 358 125 7 483	281 5 146 277 826 7 483	52 870 51 210 -	20 480 27 699 - -	19 (D) (D)	19 478 27 559 -	1 (D) (D)		4 49 1 390 - -
Oets for grain	25 398 544 907 30 918 660 16	21 240 438 428 24 709 191 14	3 143 77 078 4 408 975 2	934 27 855 1 722 980	902 26 849 1 670 660	888 26 469 1 649 330	32 1 006 52 320	28 669 43 322	81 1 546 77 514 -
### Acres acres	18 021 7 125 238 13	(D) 15 426 5 642 166 5	(D) 1 981 1 113 45 4	548 356 26 4	530 343 25 4	522 337 25 4	18 13 1 1	17 11 - -	66 14 1 -
Soybeans for beans farms_ecres_bushels_lrigeted ecres_eares_ecres_	68 278 7 803 395 326 081 351 221 20 304	57 521 6 293 773 258 133 610 169 14 500	7 135 874 959 36 003 144 33 3 103	3 339 711 352 30 996 839 16 2 667	3 209 691 506 30 171 661 15 (D)	3 144 677 963 29 544 302 14 2 535	130 19 846 825 178 1 (D)	115 17 398 722 509 - -	283 23 311 947 758 3 34
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	10 200 28 626 22 245 6 197 1 010	8 951 24 455 18 881 4 685 549	1 015 3 217 1 998 696 209	174 800 1 311 805 249	149 747 1 287 785 241	145 731 1 261 771 236	25 53 24 20 8	23 45 22 19 6	60 154 55 11 3
Irish potatoes	104 1 998 336 981 20 1 158	84 668 117 176 14 530	9 85 16 717 2 (D)	8 1 233 201 920 3 550	6 (D) (D) 3 550	6 1 232 201 400 3 550	(D) (D)	1 (D) (D)	3 11 1 168 1 (D)
Hay-alfalfa, other tame, small grain, wild, gress silege, green chop, etc. (see text) farms acres_tons, dry	48 271 1 968 207 5 612 944	41 012 1 567 151 4 430 197	5 430 288 449 841 186	1 641 105 017 320 202	1 578 101 052 308 772	1 540 98 154 299 985	63 3 965 11 430	57 3 318 9 411	188 7 590 21 359
Irrigatedfarms_ ecres Ferms by acres harvested: 1 to 24 acres 25 to 99 acres	45 1 216 22 645 21 233	38 1 071 20 073 17 702	4 73 1 918 2 701	2 (D) 560 753	2 (D) 536 727	2 (D) 525 708	24 26	23 24	1 (D) 94 77
25 to 9 acres	4 085 278 30	3 046 175 16	735 70 6	289 32 7	276 32 7	270 30 7	13 - -	10 - -	15 1 1
Alfalfa hey farms ecres tons, dry Irngated farms acres	41 883 1 380 550 4 444 233 31 641	35 600 1 110 979 3 538 162 27 529	4 747 196 812 650 809 3 (D)	1 375 67 562 238 625 1 (D)	1 324 64 943 230 151 1 (D)	1 291 63 260 224 646 1 (D)	51 2 619 8 474	45 2 207 6 708	161 5 197 16 637 -

Table 49. Summary by Type of Organization: 1987—Con.

						Corporation				
ltem					Family	Family held		Other than family held		
поп	Total	Individual or family	Partnership	Total	Total	10 or less stock- holders	Total	10 or less stock- holders	estate or trust, institutional, etc.	
CROPS HARVESTED—Con.										
Vegetables harvested for sale (see text) farms acres	64 11	50 6	7 2	7 3	7 3	7 3	-	- -	-	
Irrigatedfarms acres	2 80	1 71	- 6	3	3	- 1	-	-	1 -	
Farms by acres harvested: 0.1 to 4.9 acres 5.0 to 24.9 acres	104 13	100	2	2	2	2		_	_	
25.0 to 99.9 acres	10 30	10 27	1	2	2	2	-	=		
250.0 acres or more	236	194	(D)	(D)	(D)	(D)	-	-	-	
Land in orchards farmsacres	21	18	1 -	2	2	2	-	-	_	
Imgated farms acres	458	408	32	15	13	13	- 2	2	3	
Farms by bearing and nonbearing acres: 0.1 to 4.9 acres 5.0 to 24.9 acres	2 488 11 270 927	1 906 9 279 789	217 1 230 373	358 757 765	(D) (D)	338 692 965	(D) (D)	(D) (D)	7 3 000	
25.0 to 99.9 acres	77 29	70 27	5 (D) (D)	757 703 (D) (D)	(D)	1 (D)	(D) (D) (D)	(D)	-	
250.0 acras or more	18 728	18 473	(D)	(D)	(D)	(D)	(D)	(D)	-	

¹Date are based on a sample of farms.
²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 50. Summary by Age and Principal Occupation of Operator: 1987

					Farming			
Item	Total farming			•	Age of opera	tor (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS								
Farmsnumber	105 180 100.0	75 279 71.6	1 961 1.9	12 339 11.7	13 462 12.8	14 323 13.6	19 734 18.8	13 466
Land in farmsacres_ Average size of farmacres_	31 638 130 301	27 958 679 371	426 187 217	4 306 858 349	6 018 101 447	6 432 386 449	7 507 188 380	12.6 3 267 959 243
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text) farms \$1,000_ Avarage per farmdollers_	105 180 8 926 799 84 872	75 279 8 083 173 107 376	1 961 121 372 61 893	12 339 1 366 841 110 774	13 462 1 822 916 135 412	14 323 1 957 385 136 660	19 734 2 139 377 108 411	13 466 675 282 50 170
Farms by value of sales: Lass than \$1,000 (see text)	3 782	787	21	56	109	91	152	356 53
\$1,000 to \$2,499 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999	5 017 5 498 8 252 12 427	1 224 1 894 3 636 7 155	34 61 102 298	114 179 334 858	125 162 328 756	152 207 419 802	268 399 736 1 707	886 1 717 2 734
\$20,000 to \$24,999 \$25,000 to \$39,999	5 009 11 756	3 330 8 537	118 344	436 1 252	372	464 1 332	913	1 027
\$40,000 to \$49,999 \$50,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999	5 996 20 656 20 200	4 866 18 377 19 171	160 490 291	825 3 529 3 785	1 136 757 3 314 4 771	835 3 739 4 578	2 494 1 475 5 412 4 608	1 979 814 1 890 1 138
\$250,000 to \$499,999 \$500,000 to \$999,999	4 957 1 220	4 784 1 150	34 7	780 154	1 284 279	1 284 317	1 132 312	270 8
\$1,000,000 or mora	410	368	1	37	69	103	126	32
Grains	81 042 3 563 323 23 982 2 507 136	63 701 3 242 673 22 670 2 391 174	1 537 54 130 338 29 194	10 529 540 860 3 996 394 987	11 761 745 293 5 345 600 025	12 446 756 456 5 439 602 552	17 220 849 361 5 957 605 479	10 206 296 572 1 595 158 937
Corn for grain farms \$1,000	72 356 1 961 527	57 462 1 780 719	1 422 30 257	9 604 301 737	10 629 411 293	11 186 416 717	15 557 462 022	9 064 158 693
Wheat	1 188 2 726 68 166	996 2 365 55 407	16 37 1 326	132 228 9 184	212 601 10 383	209 491 10 939	257 550 15 222	170 458 8 350
\$1,000	1 573 168	1 436 200	23 379	234 848	328 672	334 359	380 635	134 306
Sorghum for grain farms \$1,000 Barley farms	57 477 81	45 444 70	(D)	7 (D) 11	13 86 12	123 12	10 86 19	123
\$1,000_ Oatsfarms_	116 11 842	107 10 276	(D) 206	(D) 1 743	17	23	39 2 695	1 56
\$1,000 Other grains farms \$1,000	19 604 677 5 705	17 712 572 5 126	333 14 116	2 919 110 1 091	3 754 119 870	3 696 130 1 048	4 651 134 1 378	2 359 65 624
Cotton end cottonseed farms \$1,000	-	-	-	-	-	-	-	
Sales of \$50,000 or more farms \$1,000	-	-	-	-	-	-	-	
Tobacco farms \$1,000_	-	-		-	-	-	-	
Sales of \$50,000 or mora farms \$1,000	-	-	-	-	-	-	-	
Hay, silage, and field seeds farms \$1,000	12 947 46 480	9 627	184	1 709	1 878	1 813	2 329 9 117	1 714 5 350
Sales of \$50,000 or mora farms \$1,000	30 3 365	39 522 30 3 365	660 1 (D)	6 684 1 (D)	9 456 9 1 604	8 255 11 970	6 527	5 35 (D
Vagetables, sweet corn, and melons ferms \$1,000	596 7 541	357 5 583	8 (D)	49 (D)	87 1 551	67 1 122	83 1 261	63 455
Sales of \$50,000 or more farms \$1,000	30 4 384	3 233 3 233	-	838	981	514	7 (D)	(D
Fruits, nuts, and bemes farms \$1,000	371 2 853	212 2 207	-	32 190	32 394	40 367	54 842	54 414
Sales of \$50,000 or more farms \$1,000	13 1 390	12 (D)	-	1 (D)	2 (D)	(D)	6 705	(D)
Nursery and greenhouse crops farms \$1,000	357 38 241	161 26 160	-	19 1 534	41 6 835	39 3 882	26 10 835	36 3 07 5
Sales of \$50,000 or more	111 35 714	65 25 042	-	1 394	19 6 554	16 3 582	15 10 679	2 834
Other crops farms \$1,000	99 1 678	70 1 520	2 (D)	6 (D)	16 180	13 188	14 459	19 343
Sales of \$50,000 or more farms \$1,000	7 1 259	6 (D)	-	-	(D)	1 (D)	(D)	(D
Poultry and poultry products farms \$1,000	3 643 192 229	2 554 129 135	41 512	389 15 003	410 22 099	433 32 279	698 50 606	583 8 637
Sales of \$50,000 or more farms_ \$1,000_	426 186 495	316 124 479	5 494	14 162	21 334	67 31 475	109 49 294	31 7 720
Dairy products farms \$1,000	7 048 392 284	6 622 380 544	166 6 574	1 370 77 719	1 373 89 695	1 570 95 945	1 559 85 231	584 25 381
Sales of \$50,000 or morefarms_ \$1,000_	3 165 294 998	3 106 289 525	46 3 829	687 59 017	724 71 336	781 74 940	680 63 165	188 17 237
Cattle and calves farms	50 509 2 124 641	39 547 1 939 601	800 17 872	5 971 239 572	6 916 370 436	7 937 518 043	10 528 588 966	7 395 204 712
Sales of \$50,000 or more farms \$1,000	7 178 1 590 392	6 763 1 486 460	71 9 850	943 172 652	1 364 287 886	1 742 425 129	1 960 462 543	683 128 400

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

n				her occupations	(voors)		
Item				Age of operator	(years)		
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and ove
FARMS AND LAND IN FARMS		•					
farmsnumber	29 901 28.4	891	5 119 4.9	7 820 7.4	7 421 7.1	5 553 5.3	3 097 2.9
and in farmsacres	3 679 451	60 992	546 318	947 767	962 126	754 015	408 233
Average size of farmacres	123	68	107	121	130	136	132
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD							
otal sales (see text)farms \$1,000	29 901 843 626	891 18 108	5 119 160 884	7 820 221 670	7 421 212 579	5 553 152 388	3 09 77 99
Average per fermdollars	28 214	20 324	31 429	28 347	28 646	27 442	25 18
Farms by velue of sales: Less than \$1,000 (see text)	2 995	45	374	851	765	635	325
\$1,000 to \$2,499 \$2,500 to \$4,999	3 793 3 604	135 118	530 511	954 895	1 017 955	708 709	449
\$5.000 to \$9.999	4 616	137	720	1 125	1 135	936	56:
\$10,000 to \$19,999	5 272	186	936	1 319	1 307	959	56
\$20,000 to \$24,999 \$25,000 to \$39,999	1 679 3 219	46 108	340 645	460 895	397 751	296 540	140 280
\$40,000 to \$49,999 \$50,000 to \$99,999	1 130 2 279	30 62	287 518	327 658	255 523	155 359	76 159
\$100,000 to \$249,999	1 029	23	220	268	240	187	9
\$250,000 to \$499,999 \$500,000 to \$999,999	173 70	1 _	25 9	41 17	43	45 14	18 10
\$1,000,000 or more	42	-	4	10	13	10	!
Grainsfarms	17 341	442	2 959	4 489	4 371	3 346	1 734
\$1,000 Sales of \$50,000 or more farms	320 650 1 312	7 054 18	57 872 240	88 084 363	77 837 313	60 584 251	29 219 12
\$1,000	115 961	1 524	18 499	32 266	28 845	24 194	10 63
Corn for grain farms \$1,000	14 894 180 809	375 4 021	2 634 33 178	3 899 49 223	3 713 43 605	2 815 35 184	1 458 15 598
Wheat farms \$1,000	192 361	2 (D)	34 (D)	56 80	42 74	37 81	(D
Soybeans farms \$1,000	12 759 136 968	325 2 957	2 283 24 234	3 331 38 160	3 146 33 559	2 408 24 815	1 260 13 243
	12	1 33.	2, 25,	4	2	3	.0 2
Sorghum for grain farms \$1,000	33	(D)	3	(D)	(D)	17	(0
Barley farms \$1,000	11 9		(D)	(D)	(D)	3	
Oats farms \$1,000	1 566 1 892	42 62	293 310	453 503	353 448	285 391	140 178
Other grains farms \$1,000	105 579	1 (D)	17 (D)	26 112	31 148	14 92	16 139
Cotton and cottonseed farms	-	-	-	_	_	-	
\$1,000 Sales of \$50,000 or morefarms	-	-	-	-	-	-	:
\$1,000	-	-	-	-	-	-	
Tobaccofarms \$1,000	-		-	-	-	-	
Sales of \$50,000 or more farms \$1,000	-	- 1		-	-	-	
Hay, silage, and field seads farms	3 320	58	519	906	850	626	36
\$1,000	6 958	151	1 105	1 826	1 688	1 295	894
Sales of \$50,000 or more farms \$1,000		-	-	-	-	-	
Vegetables, sweet corn, and malons farms	239	2	34	59 279	64 1 157	49 149	3: 3:
\$1,000_ Sales of \$50,000 or more farms_ \$1,000_	1 958 3 1 151	(D) -	(D) 1 (D)	1 (D)	1 (D)	-	
Fruits, nuts, and bernes farms	159		13	32	53	45	16
\$1,000_ Sales of \$50,000 or more farms_	645		72	194	171	183	26
\$1,000	(D)	-	-	-	(D)	-	•
Nursery and greenhouse crops farms	196 12 081	2	25	60 4 253	54 1 354	31 2 327	24 1 829
\$1,000 Sales of \$50,000 or more farms \$1,000	46 10 672	(D) -	(D) 5 2 089	13 3 836	1 025	12 2 114	1 608
	29		2 003	9	7	4	. 55
Other cropsfarms \$1,000	158	-	23	10	96	20	
Sales of \$50,000 or more farms \$1,000	(D)	-	-	-	(D)	-	
Poultry and poultry productstarms	1 089	25	208	336	245	164	11 ¹ 3 696
\$1,000 Sales of \$50,000 or more farms	63 094 110	458 5	5 090 20	14 182 19	29 765 31	9 903	12
\$1,000	62 016	424	4 743	13 929	29 634	9 751	3 539
Dairy productsfarms \$1,000	426 11 740	30 433	68 1 743	106 2 458	3 073	3 040	36 992
Sales of \$50,000 or more farms	59	2	9	12	12 1 242	19 1 929	568
\$1,000	5 474	(D)	(D)	890	1 242	1 323	
	5 474 10 962 185 040	(D) 310 3 110	(D) 1 724 33 371	2 704 47 141	2 836 41 448	2 118 35 518	1 270 24 452

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

					Farming			
item	Total ferming				Age of opera	tor (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and ove
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total sales (see text) – Con. Hogs and pigs	38 638 2 494 231 15 528	31 856 2 275 513 14 403	961 40 406 254	6 626 474 265 3 148	6 859 570 085 3 637	6 856 532 021 3 323	7 635 533 965 3 327	2 919 124 769 714
\$1,000	2 058 777	1 915 313	27 403	398 781	499 416	456 293	443 191	90 228
Sheep, lambs, and wool farms	8 922 46 157 77 21 114	5 834 29 553 65 11 484	163 1 040 3 366	885 8 608 20 5 700	1 163 4 516 8 705	1 144 6 384 21 2 627	1 415 6 017 9 1 536	1 06- 2 98: 55
Other livestock and livestock products (see text) farms	3 417	1 647	32	230	394	337	338	31
\$1,000 Salas of \$50,000 or morefarms \$1,000	17 139 60 8 848	11 161 36 6 831	108	1 232 10 782	2 075 4 1 165	2 444 9 1 301	2 718 8 1 789	2 580 1 79
FARM PRODUCTION EXPENSES								
Total farm production expensesfarms \$1,000 Average par farmdollars	105 184 6 647 645 63 200	75 527 5 945 971 78 726	1 895 83 330 43 973	12 525 956 813 76 392	13 288 1 332 385 100 270	13 897 1 460 428 105 089	20 162 1 595 318 79 125	13 760 517 697 37 623
Livestock and poultry purchased farms \$1,000	46 066 1 358 161	35 836 1 214 269	941 13 150	6 846 177 680	7 235 246 765	7 142 323 017	9 041 355 636	4 63 98 02
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	20 895 14 932 7 811 2 428	14 345 12 211 6 992 2 288	450 362 118	2 699 2 487 1 341 319	2 775 2 486 1 498 476	2 617 2 273 1 610 642	3 323 3 195 1 860 663	2 48 1 400 569 177
Feed for livestock and poultry farms \$1,000	64 752 1 101 866	49 308 983 284	1 087 12 945	8 698 178 274	9 635 228 875	9 817 245 524	12 731 253 033	7 340 64 633
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999	31 369 22 076	19 514 19 127	538 412	2 677 3 878	2 806 4 108	3 269 3 928	5 325 4 941	4 899 1 86
\$25,000 to \$99,999 \$100,000 or more	9 846 1 461	9 325 1 342	130	1 933 210	2 406 315	2 246 374	2 107 358	50:
Commercially mixed formula feeds farms \$1,000	33 282 475 104	26 013 412 990	567 5 456	5 082 75 428	5 450 97 511	5 484 106 437	6 428 102 499	3 00: 25 65
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$79,999 \$80,000 or more	17 634 11 352 3 545 751	11 839 10 183 3 325 666	290 239 34 4	2 094 2 235 629 124	2 002 2 385 903 160	2 098 2 326 885 175	3 242 2 334 688 164	2 11: 66: 18: 3:
Seeds, bulbs, plants, and trees farms \$1,000	88 807 308 197	69 103 279 514	1 660 4 725	11 481 45 515	12 486 61 681	13 177 63 397	18 843 76 287	11 45 27 90
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	23 074 45 976 19 426 331	12 221 37 986 18 582 314	332 1 081 246 1	1 699 6 633 3 107 42	1 381 6 467 4 555 83	1 632 6 867 4 591 87	2 878 11 160 4 734 71	4 29 5 77 1 34 3
Commercial fertilizer farms	83 067 467 355	65 473 426 825	1 544 6 573	10 974 67 492	11 952 96 374	12 509 99 935	18 029 115 956	10 469 40 49
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	51 929 29 100 1 788 250	36 408 27 104 1 721 240	1 082 457 5	6 155 4 599 194 26	5 363 6 033 492 64	5 741 6 209 486 73	10 098 7 442 428 61	7 969 2 364 116
Agricultural chemicalsfarms	86 631 309 894	67 286 281 166	1 636 5 313	11 18 5 46 387	12 164 64 500	12 782 62 936	18 324 74 060	11 195 27 970
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	66 563 19 490 514 64	48 272 18 456 495 63	1 334 294 8	7 993 3 111 68 13	7 567 4 445 141 11	8 332 4 313 119 18	13 405 4 780 122 17	9 64 1 510 37
Petroleum products iarms	100 939 315 061	73 941 282 842	1 828 4 936	12 271 47 005	13 049 62 761	13 666 64 242	19 837 74 978	13 290 28 910
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	81 446 19 169 274 50	55 283 18 359 258 41	1 589 237 1	9 140 3 099 26 6	8 340 4 640 62 7	9 013 4 571 67 15	15 253 4 495 79 10	11 94i 1 31 2
Gasoline and gasohol	87 982 105 047 73 400	64 803 91 235 59 823	1 438 1 538 1 541	10 474 14 290 10 594	11 692 18 549 11 525	12 135 20 334 11 857	17 524 24 948 16 341	11 54 11 57 7 96
1arms	136 878 5 064 6 637	126 030 4 158 5 364	2 262 94 99	21 085 896 1 126	29 061 770 1 134	28 740 673 1 072	33 625 1 059 1 232	11 25 660 700
LP gas, fuel oil, kerosene, motor oil, grease, etc farms	86 862 66 500	68 493 60 212	1 607 1 036	11 561 10 504	12 537 14 018	13 U21 14 096	18 809 15 174	10 956 5 38

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

			Ot	her occupations			
Item				Age of operator	(years)		
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 end over
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.							
Total sales (see text) – Con. Hogs and pigs	6 782	295	1 734	1 958	1 528	680	387
\$1,000_ Seles of \$50,000 or morefarms_ \$1,000_	218 719 1 125 143 464	6 526 31 3 119	56 370 308 35 411	59 252 330 37 663	50 284 248 34 513	30 621 148 21 113	15 669 60 11 648
Sheep, lambs, and woo!	3 088 16 604 12 9 630	99 300 - -	482 1 645 3 (D)	981 2 424 2 (D)	795 4 042 4 2 241	477 7 672 3 6 648	25 ⁴ 52
Other livestock and livestock products						0 010	
(see text) farms_ \$1,000_ Seles of \$50,000 or more farms_ \$1,000_	1 770 5 978 24 2 017	29 48 - -	278 1 030 6 399	612 1 568 4 337	477 1 663 8 598	246 1 075 5 (D)	128 594 1 (D
FARM PRODUCTION EXPENSES	2017	-	399	337	350	(0)	(0
Total farm production expenses tarms	29 657	780	4 949	7 752	7 205	5 715	3 2 56
\$1,000 Average per farmdollars	701 673 23 660	10 897 13 970	126 103 25 481	191 172 24 661	180 058 24 991	130 905 22 905	62 539 19 20 7
Livestock and poultry purchased farms \$1,000	10 230 143 892	242 1 788	2 096 32 637	2 862 38 069	2 557 29 537	1 699 27 897	774 13 965
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	6 550 2 721 819 140	130 111 1	1 235 639 210 12	1 783 801 249 29	1 802 547 176 32	1 089 425 145 40	511 198 38 27
Feed for livestock and poultry farms	15 444	408	2 899	4 374	3 765	2 815	1 183
\$1,000 Ferms with expenses of — \$1 to \$4,999	118 582 11 855	1 913	24 376 2 0 2 1	34 646 3 336	29 729 3 018	19 947	7 970 978
\$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	2 949 521 119	127 9 -	694 166 18	880 131 27	617 93 37	486 76 23	145 46 14
Commercially mixed formula feeds farms \$1,000	7 269 62 114	208 531	1 527 10 772	2 057 18 705	1 721 17 498	1 269 11 471	487 3 138
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$79,999 \$80,000 or more	5 795 1 169 220 85	168 40 - -	1 122 304 89 12	1 577 412 51 17	1 442 209 43 27	1 042 183 23 21	444 21 14
Seeds, bulbs, plants, and trees farms \$1,000	19 704 28 683	447 531	3 016 4 728	5 163 7 717	4 962 7 378	3 999 5 714	2 117 2 615
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	10 853 7 990 844 17	278 159 10	1 425 1 455 135	2 693 2 216 249 5	2 562 2 210 185 5	2 410 1 424 161 4	1 485 526 104 2
Commercial fertilizer	17 594 40 530	359 681	2 776 6 284	4 665 10 655	4 457 10 594	3 670 8 527	1 667 3 789
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999	15 521 1 996 67	327 32	2 458 317	4 092 554 19	3 935 502 18	3 233 417 15	1 476 174 14
\$50,000 or more farms	19 345	461	3 177	5 142	4 895	3 776	1 894
Farms with expenses of –	28 728	515	5 003	7 889	7 706	5 035	2 580
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	18 291 1 034 19	453 8 - -	2 961 214 2 -	4 840 298 4 -	4 640 247 7 1	3 621 150 5	1 778 117 1 -
Petroleum productsfarms \$1,000	26 998 32 220	734 702	4 572 5 668	7 013 8 686	6 578 7 975	5 299 6 264	2 80 2 2 925
Farms with expenses of — \$1 to \$4,999 - \$5,000 to \$24,999 - \$25,000 to \$49,999 - \$50,000 or more	26 163 810 16	724 10 -	4 430 139 1	6 793 214 4 2	6 357 214 6	5 128 165 3	2 731 68 2
Gasoline and gasohol farms	23 179	599	3 898	6 104	5 597	4 531	2 450
\$1,000_ Diesel fuel	13 812 13 577 10 847	268 374 222	2 350 2 503 1 950	3 643 3 538 2 881	3 390 3 416 2 792	2 774 2 532 2 144	1 388 1 214 858
Natural gas	906 1 273	23	210 167	173 531	246 230	177 291	77 48
LP gas, fuel oil, kerosene, motor oil, grease, etc	18 369 6 287	440 206	3 135 1 201	4 812 1 632	4 676 1 563	3 534 1 055	1 772 631

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

					Farming			
Item	Total farming				Age of operato	or (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and ove
FARM PRODUCTION EXPENSES ¹ —Con.								
Total farm production expenses—Con. Electricity	90 255 126 591	68 023 111 253	1 368 1 411	10 995 18 234	12 338 24 426	12 908 25 959	18 690 29 449	11 72 11 77
Farms with expenses of — \$1 to \$999	47 918	29 727	870	4 593	3 729	4 290	8 369	7 87
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	39 358 2 896 83	35 477 2 747 72	478 20	5 973 421 8	7 927 668 14	7 828 776 14	9 625 669 27	3 64 19
Hired farm laborfarms	49 121 282 515	39 964 25 8 261	688 2 357	6 823 32 921	7 957 59 984	8 244 66 026	10 621 73 494	5 63 23 48
Farms with expenses of — \$1 to \$4,999	37 600 8 880	29 130 8 372	581 89	5 310 1 212	5 425 1 943	5 393 2 198	7 724 2 188	4 69 74
\$25,000 to \$99,999 \$100,000 or more	2 443 198	2 293 169	15	283 18	549 40	615 38	656 53	1
Contract labor farms	8 078 21 032	5 971 16 735	110 159	1 126 3 355	1 280 3 936	1 203 3 518	1 496 3 852	75 1 91
\$1 to \$999 \$1,000 to \$4,999	3 8 46 3 12 3	2 489 2 546	67 31	450 455	463 615	543 471	608 672	35 30
\$5,000 to \$24,999 \$25,000 or mora	1 032 77	885 51	12	215 6	187 15	175 14	205	9
Repair and maintenance	91 920 407 270	68 781 364 764	1 570 4 631	11 508 56 729	12 392 81 491	12 935 85 625	18 628 99 281	11 74 37 00
\$1 to \$4,999 \$5,000 to \$24,999	63 247 27 602	41 966 25 793	1 270 296	7 105 4 292	6 114 5 9 8 7	6 609 6 035	11 385 6 982	9 48 2 20
\$25,000 to \$49,999 \$50,000 or more	905 166	866 156	3 1	97	258 33	244 47	213 48	5
Customwork, machine hire, and rental of machinery and equipmentfarms\$1,000	57 354 133 395	43 463 108 166	908 2 054	6 887 16 787	7 989 21 446	8 609 23 677	11 642 28 030	7 42 16 17
Farms with expenses of — \$1 to \$999	25 122	16 978	463	2 674	2 883	3 178	4 388	3 3
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	25 700 6 238 294	21 065 5 190 230	326 109 10	3 296 891 26	3 941 1 130 35	4 281 1 075 75	5 928 1 275 51	3 29 71 3
Interest expense farms \$1,000	67 262 579 338	51 114 512 510	1 076 3 965	9 021 64 560	10 673 119 876	10 819 143 636	13 434 138 707	6 09 41 76
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	37 493 24 442	25 230 20 798	835 233	5 082 3 461	4 326 5 120	4 197 4 984	6 751 5 284	4 00 1 7
\$25,000 to \$99,999 \$100,000 or more	5 121 206	4 887 199	8	467	1 200 27	1 569 69	1 330 69	31
Secured by real estatefarms \$1,000	44 371 390 226	33 184 342 044	379 1 981	4 213 34 287	6 757 74 691	8 235 102 650	9 619 98 123	3 98 30 31
Farms with expenses of — \$1 to \$999	6 684 16 369	4 151	94	420 1 560	509 1 930	700 2 355	1 450 3 096	97 1 42
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	17 889 3 429	10 517 15 239 3 277	152 128 5	1 560 1 993 240	3 635 683	4 062 1 118	4 082 991	1 33
Not secured by real estatefarms\$1,000	41 208 189 113	32 449 170 466	845 1 984	6 942 30 273	7 471 45 185	6 421 40 986	7 560 40 583	3 21 11 45
Farms with expenses of— \$1 to \$999	13 476	9 162	376	1 912	1 528	1 486	2 289	1 57
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	16 664 10 034 1 034	13 064 9 231 992	346 122 1	3 158 1 726 146	3 080 2 600 263	2 472 2 179 284	3 002 2 040 229	1 00 56
Cash rent	41 375 492 800	34 874 456 078	1 180 13 971	7 833 109 389	8 135 124 952	7 052 97 055	7 931 87 727	2 74 22 98
Farms with expenses of— \$1 to \$4,999	15 835	11 792	410	2 380	2 192	2 211	3 063	1 53
\$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	8 684 11 593 5 263	7 271 10 741 5 070	236 433 101	1 664 2 511 1 278	1 532 2 908 1 503	1 511 2 193 1 137	1 877 2 152 839	45 54 21
Property taxesfarms \$1,000	87 431 230 810	62 399 195 464	767 1 060	7 501 14 875	10 376 30 198	12 520 47 700	18 481 66 513	12 75 35 11
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	75 206 9 596	51 178 8 815	731 31	6 828 559	8 741 1 301	9 409 2 420	14 381 3 254	11 08 1 25
\$10,000 to \$24,999 \$25,000 or more	2 474 155	2 264 142	5	109	306 28	651 40	798 48	39
All other farm production expenses farms farms \$1,000	101 919 513 358	74 578 454 839	1 818 6 080	12 300 77 610	13 183 105 121	13 845 108 183	20 006 118 315	13 42 39 53
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	73 591 25 444	48 292 23 563	1 473 327	7 413 4 461	6 856 5 558	7 518 5 598	13 432 5 935	11 60 1 68
\$25,000 to \$49,999 \$50,000 or more	2 166 718	2 060	16	331 95	593 176	539 190	475 164	10

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of ebbreviations end symbols, see introduc	tory text]						
-			0	ther occupations			
Item				Age of operator	(years)		
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES ¹ —Con.							
Totel farm production expenses — Con. Electricity	22 232	446	3 566	6 050	5 503	4 400	2 267
\$1,000 Farms with expenses of — \$1 to \$999	15 338 18 191	393	2 393	3 955 4 975	4 432 4 481	3 019	1 299 1 974
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	3 881 149 11	53	721 15 -	1 040 33 2	974 41 7	821 40 1	272 20 1
Hired farm labor farms\$1,000	9 157 24 254	165 151	1 682 3 014	2 475 5 836	2 461 7 659	1 568 4 562	806 3 031
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	8 470 508	163	1 609 52	2 303	2 241 166	1 432 92	722 57
\$25,000 to \$99,999 \$100,000 or more	150 29	2 -	16	25 6	45 9	38	24 3
Confrect labor farms \$1,000_	2 107 4 297	15 9	218 403	517 779	590 1 464	514 783	253 859
Ferms with expenses of \$1 to \$999 \$1,000 to \$4,999	1 357 577	8 7	129 73	320 170	406 130	364 107	130 90
\$5,000 to \$24,999 \$25,000 or more	147 26	-	15	24	41 13	41 2	26 7
Repair and maintenancefarms \$1,000 Ferms with expenses of —	23 139 42 506	514 491	3 863 7 212	6 392 11 598	5 658 11 432	4 462 7 987	2 250 3 787
\$1 to \$4,999 \$5,000 to \$24,999	21 281 1 809	512 2	3 518 338	5 898 486	5 112 528	4 158 292	2 083 163
\$25,000 to \$49,999 \$50,000 or more	39 10	-	7	5 3	14	11	2 2
Customwork, machine hire, and rental of machinery and equipment	13 891	313	2 152 3 475	3 651 5 753	3 587 7 007	2 915 5 593	1 273 3 010
\$1,000 Ferms with expenses of — \$1 to \$999	25 230 8 144	392 185	1 264	2 209	2 086	1 638	762
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	4 635 1 048 64	109 19 -	733 150 5	1 202 234 6	1 180 307 14	1 022 237 18	389 101 21
Interest expense farms \$1,000	16 148 66 828	354 596	3 008 9 358	4 645 20 284	4 380 20 319	2 737 11 510	1 024 4 762
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	12 263 3 644	331 23	2 474 519	3 389 1 177	3 177 1 123	2 114 574	778 228
\$25,000 to \$99,999 \$100,000 or more	234	-	15	78 1	77	47	17
Secured by real estatefarms \$1,000	11 187 48 181	101 256	1 655 6 034	3 343 14 696	3 352 15 115	2 051 8 646	685 3 434
Farms with expenses of — \$1 to \$999	2 533 5 852	24 71	307 1 006	703 1 716	714 1 747	564 1 013	221 299
\$5,000 to \$24,999 \$25,000 or more	2 650 152	6 -	332 10	864 60	852 39	444	152 13
Not secured by real estatefarms \$1,000	8 759 18 647	265 340	1 897 3 324	2 466 5 588	2 281 5 203	1 353 2 863	497 1 328
Farms with expenses of — \$1 to \$999	4 314	136	974	1 173	1 078	685	268
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	3 600 803 42	120 9 -	786 132 5	1 014 265 14	953 240 10	556 103 9	171 54 4
Cash rentferms	6 501 36 722	354 1 818	1 651 9 187	1 998 11 616	1 329 7 442	855 5 140	314 1 519
Farms with expenses of – \$1 to \$4,999	4 043	233	1 012	1 186	826	562	224
\$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	1 413 852 193	83 30 8	369 216 54	482 268 62	296 163 44	139 134 20	44 41 5
Property taxesfarms \$1,000	25 0 32 35 346	360 245	3 440 3 121	6 438 7 926	6 579 10 117	5 319 8 939	2 8 96 4 997
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	24 028 781	359 1	3 360 62	6 254 157	6 332 177	5 036 213	2 687 171
\$10,000 to \$24,999 \$25,000 or more	210 13	-	18	25 2	64	68	35
All other farm production expenses farms \$1,000_	27 341 58 519	702 824	4 601 9 244	7 133 15 762	6 715 17 267	5 270 9 989	2 920 5 432
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999	25 299 1 881 106 55	677 25 -	4 215 365 16 5	6 550 543 21 19	6 127 542 35 11	4 956 275 25 14	2 774 131 9 6
\$25,000 or more farms	27 341 58 519 25 299 1 881	702 824 677 25	4 601 9 244 4 215 365	7 133 15 762 6 550 543 21	6 715 17 267 6 127 542 35	5 270 9 989 4 956 275 25	

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introd					Farming			
Item	Total farming				Age of opera	tor (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT ¹								
All farmsnumber \$1,000 Average per farmdollars	105 184 2 146 997 20 412	75 527 2 029 891 26 876	1 895 33 817 17 845	12 525 405 042 32 339	13 288 472 658 35 570	13 897 442 548 31 845	20 162 512 203 25 404	13 760 163 623 11 891
Farms with net gains ² number_ Averege nat gaindollars_	74 987 31 660	59 795 36 545	1 502 24 815	10 452 40 742	10 968 45 636	11 209 42 573	15 831 35 226	9 833 18 984
Gain of — Lass than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 767 22 906 33 147 14 167	2 262 15 001 28 945 13 587	54 478 782 188	322 2 016 5 225 2 889	331 2 007 5 173 3 457	315 2 183 5 639 3 072	492 3 866 8 365 3 108	748 4 451 3 761 873
Farms with nat lossasnumber Average net lossdollars	30 197 7 521	15 732 9 872	393 8 793	2 073 10 030	2 320 12 017	2 688 12 893	4 331 10 498	3 927 5 870
Loss of — Lass then \$1,000 _ \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 943 18 984 5 889 381	2 165 8 914 4 296 357	44 215 132 2	284 1 177 563 49	292 1 102 857 69	289 1 375 917 107	475 2 476 1 285 95	781 2 569 542 35
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Govarnment payments farms \$1,000 Other ferm-related income farms \$1,000	75 203 1 153 713 30 370 132 008	60 425 1 036 728 24 557 108 399	1 433 14 769 605 1 759	10 240 158 657 4 238 17 115	11 414 228 747 4 966 20 893	11 973 248 983 4 883 22 532	16 425 290 428 6 248 27 394	8 940 95 145 3 617 18 706
Customwork and other agricultural sarvicas farms	15 001 61 977	13 140 57 448	435 1 305	2 691 13 554	3 211 15 051	2 908 12 418	2 860 11 375	835 3 744
Gross cash rent or share paymentsfarms	8 633 58 000 710 1 876 11 908	5 552 40 363 487 1 313 10 427	34 325 - 190	415 2 193 41 148 1 550	660 3 739 68 102 2 066	865 7 412 83 295 2 247	1 706 12 920 162 415 2 936	1 872 13 774 133 353 1 438
\$1,000 COMMODITY CREDIT CORPORATION LOANS	10 156	9 274	129	1 220	2 000	2 406	2 684	834
Total farms. \$1,000 Com farms. \$1,000 \$1,000 Wheat farms. \$1,000 Soybeans farms. \$1,000 \$1,000	51 178 1 598 775 50 551 1 298 123 61 127 14 094 298 747	43 224 1 477 868 42 773 1 199 155 50 92 12 302 277 737	1 086 23 181 1 074 19 088 1 (D) 262 4 014	8 070 247 379 7 994 201 004 10 (D) 2 426 46 241	8 878 349 981 8 789 280 824 15 12 2 836 68 958	8 893 358 991 8 804 290 142 9 19 2 687 68 774	11 670 392 825 11 560 322 369 9 11 3 059 70 341	4 627 105 511 4 552 85 728 6 10 1 032 19 409
Sorghum, barley, and oats	86 190 - - 70	82 151 - - 30		13 15 - - 3	18 29 - - - 8	10 18 - - 4	24 30 - - 6 74	17 59 - 7 7 305
\$1,000 LAND IN FARMS ACCORDING TO USE	1 587	733	(D)	(D)	159	38	74	305
Total cropland	96 749 27 290 868 92 878 20 484 178	71 620 24 403 812 70 196 18 570 853	1 695 384 157 1 660 298 085	11 519 3 872 342 11 378 2 995 323	12 949 5 338 592 12 806 4 131 581	13 816 5 615 990 13 621 4 318 683	19 091 6 520 137 18 790 4 929 749	12 550 2 672 594 11 941 1 897 432
Farms by acras harvastad: 1 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acras or more	17 548 13 956 23 454 29 005 7 723 1 114 78	6 497 8 981 18 942 27 136 7 488 1 079 73	198 318 602 475 63 4	708 1 291 3 278 4 899 1 057 135	717 1 098 2 988 5 657 2 035 295 16	805 1 215 3 166 6 074 2 022 320 19	1 427 2 203 5 376 7 676 1 838 249 21	2 642 2 856 3 532 2 355 473 76
Croplend: Pasture or grazing only farms acres	36 766 2 283 547	28 356 1 935 029	510 26 373	3 966 258 315	5 066 363 703	5 686 408 332	7 835 541 453	5 293 336 853
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured	27 088 1 670 711	20 934 1 404 005	392 18 607	3 122 207 994	3 754 277 426	3 951 302 566	6 157 416 028	3 558 181 384
On which all crops failed farms. acres In cultivated summer fellow farms acres	1 640 45 013 844 45 160	1 125 35 426 640 38 963	17 280 12 519	146 4 405 82 4 673	217 215 7 909 108 6 404	239 8 467 118 8 420	273 8 188 175 10 578	235 6 177 145 8 369
Idlefarms acres	42 114 2 762 259	33 996 2 419 536	830 40 293	5 889 401 632	6 683 551 569	6 968 569 522	8 911 614 141	4 715 242 379
Total woodland	24 782 1 316 448 14 393 774 976 14 477 541 472	17 470 1 031 132 10 545 632 020 10 074 399 112	280 10 901 154 6 856 157 4 045	2 235 125 165 1 317 73 652 1 345 51 513	3 167 197 601 1 886 116 889 1 841 80 712	3 512 234 620 2 197 144 156 1 994 90 464	4 766 276 378 2 837 173 275 2 777 103 103	3 510 186 467 2 154 117 192 1 960 69 275

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

	т		Ot	her occupations			
Item				Age of operator	(years)		
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and ova
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT ¹							
All farmsnumber \$1,000 Average per farmdollars	29 657 117 105 3 949	780 4 398 5 639	4 949 27 377 5 532	7 752 29 228 3 770	7 205 21 921 3 042	5 715 21 697 3 796	3 256 12 489 3 839
Farms with net gains?number Avarage net gaindollers	15 192 12 435	515 10 135	2 879 12 746	3 859 13 413	3 172 13 678	2 929 11 615	1 83 9 69
Gain of— Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	2 505 7 905 4 202 580	105 275 118 17	427 1 453 896 103	624 1 782 1 283 170	524 1 750 772 126	469 1 649 687 124	35/ 99/ 44/ 4/
Farms with net lossesnumber_ Average net lossdollars_	14 465 4 964	265 3 099	2 070 4 502	3 893 5 788	4 033 5 323	2 786 4 423	1 41 3 76
Loss of— Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	2 778 10 070 1 593 24	104 154 7 -	438 1 385 247	694 2 705 489 5	747 2 765 510 11	440 2 098 243 5	35 96 9
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments farms \$1,000 Other farm-related income¹ farms \$1,000 Customwork and other agricultural	14 778 116 985 5 813 23 610	351 1 985 118 266	2 574 18 216 886 2 350	3 891 30 742 1 358 4 321	3 653 31 153 1 335 5 597	2 848 24 004 1 429 6 023	1 46 10 885 687 5 053
services farms	1 861 4 529	103 146	449 1 056	496 1 258	381 1 105	340 688	9. 27
Gross cash rent or share payments farms \$1,000 Forest products and Christmas trees farms \$1,000 Other farm-related income sources farms	3 081 17 637 223 563 1 481	22 117 - - 14	318 1 168 11 20 240	622 2 624 78 141 360	748 4 145 46 115 327	818 4 872 88 286 395	55: 4 71: 14:
\$1,000 COMMODITY CREDIT CORPORATION LOANS	881	3	106	297	231	176	6
Total	7 954 120 907 7 778 98 968	221 2 641 219 2 272	1 650 23 324 1 615 18 782	2 224 33 852 2 173 27 450	1 895 29 444 1 858 23 987	1 379 22 077 1 349	589 9 569 564
Wheat farms \$1,000 Soybeens farms \$1,000 Soybeens 51,000	11 35 1 792 21 010	47 369	2 (D) 416 4 262	5 4 499 6 314	1 (D) 416 5 154	18 705 3 (D) 295 3 222	7 77: 11: 1 68:
Sorghum, barley, and oets	4 40 -	-	-	1 (D)	-	2 (D)	(D
\$1,000 Peanuts, rye, nce, tobacco, and honey farms \$1,000	40 854	-	7 (D)	10 (D)	11 (D)	6 85	(D
LAND IN FARMS ACCORDING TO USE							
Total croplend farms acres farms farms farms.	25 129 2 887 056 22 682	573 52 733 526	3 977 457 918 3 639	6 632 756 348 5 957	6 435 736 339 5 859	4 922 577 237 4 400	2 590 306 48 2 30
Farms by acres harvested. 1 to 49 acres 50 to 99 acres 100 to 199 acres	1 913 325 11 051 4 975 4 512	39 533 248 133	325 982 1 523 853	510 161 2 886 1 241	477 683 2 977 1 278	2 268 962	193 282 1 149 508
200 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	1 869 235 35 5	114 28 3	891 335 34 3 -	1 252 513 50 13 2	1 084 446 63 9	755 349 58 7	416 198 27
Cropland: Pasture or grazing only	8 410 348 518	130 3 997	1 177 41 499	2 235 84 658	2 294 90 704	1 737 81 429	837 46 231
improvement grasses, not hervested and not pestured farms acres	6 154 266 706	109 3 329	906 34 904	1 625 69 846	1 608 69 466	1 291 60 950	615 28 211
On which all crops failed farms ecres In cultivated summer failow farms ecres Idle farms	515 9 587 204 6 197 8 118	7 37 4 96 193	80 1 482 31 772 1 416	135 2 442 39 1 435 2 150	122 2 202 44 1 259 2 052	107 2 075 46 1 393 1 511	64 1 349 40 1 242 796
Total woodlandacres	7 312 285 316	5 741 79 1 842	53 279 866 29 335	87 806 1 889 66 654	95 025 2 116 87 740	64 706 1 573 65 473	36 166 789 34 272
Woodland pastured	3 848 142 956 4 403 142 360	37 1 216 47 626	466 15 200 499 14 135	963 31 163 1 174 35 491	1 153 47 568 1 255 40 172	818 32 114 952 33 359	411 15 695 476 18 577

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

					Farming	-		
Item	Total farming				Age of opera	itor (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.								
Pasturaland and rangeland other than cropland and woodland pastured farms acres	22 415 1 452 248	16 403 1 189 229	259 14 985	2 089 139 618	2 874 214 090	3 280 267 477	4 688 330 465	3 213 222 594
Land in house lots, ponds, roads, wasteland, etc. ferms cres	79 586 1 578 566	57 766 1 334 506	1 200 16 144	8 178 169 733	10 178 267 818	11 553 314 299	16 062 380 208	10 595 186 304
programs: Annual commodity acreage adjustment programs	69 141	57 007	1 332	9 771	10 994	11 504	15 625	7 781
Conservation reserve program farms acres	3 560 902 8 050 697 896	3 228 217 5 612 505 505	53 132 69 4 528	545 950 743 61 161	743 589 987 82 330	749 965 1 191 119 547	853 177 1 663 156 698	282 404 959 81 241
Value of land and buildings¹farms_ \$1,000_ Average per farmdollars_	105 184 29 829 901 283 597	75 527 26 203 435 346 941	1 895 407 363 214 967	12 525 4 177 659 333 546	13 288 5 798 723 436 388	13 897 5 864 472 421 996	20 162 6 951 925 344 803	13 760 3 003 293 218 263
Averaga per acredollars	947	941	932	955	962	946	925	907
\$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999	13 227 11 020 9 152 12 468 9 769	5 413 5 045 4 932 8 283 7 305	272 242 154 231 223	920 655 727 1 427 1 063	563 538 528 991 1 067	676 560 738 1 288 1 229	1 177 1 060 1 151 2 296 2 133	1 805 1 990 1 634 2 050 1 590
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or more	31 637 14 045 3 466 380 20	27 499 13 360 3 310 363 17	577 175 21 -	5 098 2 151 440 44	5 322 3 269 916 90 4	5 155 3 243 901 100 7	8 028 3 446 773 96 2	3 319 1 076 259 33
VALUE OF MACHINERY AND EQUIPMENT ¹			1					
Estimated market value of all machinery and equipment farms	104 901 5 543 375	75 458 4 863 996	1 895 74 609	12 525 762 513	13 281 1 020 623	13 888 1 093 931	20 139 1 334 451	13 730 577 869
Farms by value group: \$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	6 659 12 872 15 609 28 782 22 911	2 325 5 158 9 277 21 389 20 208	126 247 380 551 380	225 642 1 519 4 112 3 571	293 469 1 121 3 454 4 062	185 650 1 256 3 606 4 005	472 1 231 2 377 5 497 5 894	1 024 1 919 2 624 4 169 2 296
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	14 193 3 763 112	13 404 3 591 106	202	2 009 436 11	3 006 851 25	3 121 1 030 35	3 705 932 31	1 361 333 4
SELECTED MACHINERY AND EQUIPMENT ¹								
Motortrucks, including pickups farms number - Farms number	93 674 143 433 97 120 302 392 48 200 79 062 85 755 223 330	69 282 110 834 71 082 242 177 33 815 57 131 65 760 185 046	1 606 2 273 1 601 4 217 593 879 1 484 3 338	11 628 17 579 11 552 34 044 4 717 7 466 10 944 26 578	12 450 21 443 12 686 44 507 5 625 8 898 12 151 35 609	13 048 22 173 13 387 50 411 6 654 10 986 12 676 39 425	18 686 30 173 19 172 69 573 9 481 16 786 17 868 52 787	11 864 17 193 12 684 39 425 6 745 12 116 10 637 27 309
Grain and bean combinesfarmsnumber	55 575 60 004	47 147 51 016	801 813	7 039 7 776	9 196 9 823	9 901 10 704	13 685 14 884	6 525 7 016
Cottonpickers and strippers farms number farms farms farms farms	29 756 31 333	23 964 25 251	429 463	3 748 3 920	4 299 4 513	5 179 5 493	6 573 6 935	3 736 3 927
Pickup balers farmsnumber	40 640 46 867	32 810 38 175	557 608	4 571 5 273	5 669 6 576	6 678 7 875	9 690 11 375	5 64 5 6 468
AGRICULTURAL CHEMICALS ¹ Commercial fertilizer farms	83 051	65 457	1 544	10 974	11 952	12 503	18 019	10 465
Lime acres on which used lams acres on which used tons Sprays, dusts, granules, fumigants, etc., to	13 313 702 17 823 1 219 181 2 846 408	12 060 924 14 832 1 070 088 2 483 892	205 299 267 14 676 35 201	2 038 474 2 541 171 749 378 773	2 755 282 2 863 235 340 549 120	2 694 221 3 005 235 514 554 446	3 157 165 4 123 293 763 687 583	1 210 483 2 033 119 046 278 769
control— Insects on hay and other crops farms_ acres on which used_ Nematodes in crops farms_ acres on which used_	41 361 4 910 343 2 548 267 277	33 695 4 448 841 2 012 231 448	888 75 814 76 7 695	6 149 733 001 446 39 440	6 825 1 032 328 437 54 113	6 892 1 057 933 274 45 511	8 433 1 105 786 519 63 124	4 508 443 979 260 21 565
Diseases in crops and orchards farms_ acres on which used Weeds, grass, or brush in crops and pasture farms	1 330 112 420 70 486	865 87 251 55 609	15 718 1 277	158 13 758 9 395	154 21 905 10 354	205 26 622 10 455	199 18 320 15 254	134 5 928 8 874
acres on which used Chemicals for defoliation or for growth	14 709 093	13 391 124	232 131	2 302 954	3 117 288	2 944 678	3 496 916	1 297 157
control of crops or thinning of fruit farms acres on which used	1 066 120 779	103 563 I	2 119	162 25 976	178 24 436	107 17 338	209 22 754	128 10 940

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

			Ot	her occupations			
Item				Age of operator	r (yeers)		
	Total	Undar 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.							
Pasturelend and rangeland other then croplend and woodland pastured farms acres	6 012	94	865	1 574	1 610	1 248	621
	263 019	2 760	28 507	66 970	68 641	60 445	35 696
Lend in house lots, ponds, roeds, westalend, atc tarms acres	21 820	552	3 496	5 690	5 565	4 210	2 301
	244 060	3 657	30 558	57 795	69 406	50 860	31 784
Croptand under federal acreage reduction programs: Annual commodity acreage adjustment programs	12 134	291	2 250	3 248	3 034	2 245	1 06
conservation reserve program farmsecres	332 685	6 748	61 406	92 524	81 447	60 679	29 88
	2 438	19	248	632	706	577	25
	192 391	1 119	18 569	49 865	57 284	47 271	18 28
Velue of land and buildings1ferms	29 657	780	4 949	7 752	7 205	5 715	3 25
\$1,000_	3 626 466	60 133	540 747	966 639	933 055	745 735	380 15
Average per farmdollars	122 280	77 094	109 264	124 695	129 501	130 487	116 75
Average per acredollars	994	1 067	1 030	1 009	976	976	97
Farms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$9,999 \$100,000 to \$149,999 \$150,000 to \$199,999	7 814	394	1 610	1 638	1 675	1 254	1 04:
	5 975	109	1 059	1 581	1 438	1 145	64:
	4 220	83	646	1 082	1 068	909	43:
	4 185	105	536	1 211	1 156	771	40:
	2 464	16	357	737	604	546	20-
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or more	4 138 685 156 17 3	57 15 1 - -	592 141 8 - -	1 099 157 41 5	1 065 144 47 7	912 145 28 4 1	41: 8: 3
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery end equipment farms	29 443	780	4 916	7 718	7 151	5 649	3 22
	679 379	18 943	112 878	178 628	170 588	130 890	67 65
Farms by value group: \$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	4 334	131	737	1 112	984	873	49
	7 714	144	1 108	2 084	1 856	1 625	89
	6 332	178	1 155	1 611	1 537	1 114	73
	7 393	208	1 310	1 955	1 824	1 301	79
	2 703	87	484	684	741	506	20
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or mora	789 172 6	32	91 30 1	215 57 -	186 19 4	179 50 1	84 14
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups farms	24 392	587	4 150	6 510	6 015	4 569	2 56
number	32 599	832	5 505	8 412	8 108	6 265	3 47
Wheel tractors farms	26 038	628	4 218	6 909	6 384	5 121	2 77
Less than 40 horsepower (PTO) farms number 40 horsepowar (PTO) or more farms	60 215	1 468	9 †21	15 277	15 564	12 371	6 41
	14 385	324	2 †55	3 561	3 680	3 023	1 64
	21 931	518	3 066	5 143	5 615	4 954	2 63
	19 995	486	3 422	5 368	5 008	3 753	1 95
number Grain and bean combines farms	38 284 8 428	950	6 055 1 372	10 134 2 139	9 949	7 417 1 572	3 77 83 87
number Cottonpickers and strippers	8 988 - - -	205 - -	1 438	2 278 - -	2 486	1 711	
Mower conditioners farms	5 792	123	863	1 469	1 467	1 238	63
number	6 082	130	899	1 580	1 531	1 291	65
Pickup belers farms	7 830	189	1 115	2 039	1 965	1 728	79
AGRICULTURAL CHEMICALS ¹	8 692	221	1 248	2 296	2 125	1 920	88
Commercial fertilizer farms	17 594	359	2 776	4 665	4 457	3 670	1 66
	1 252 778	22 724	207 696	342 155	307 870	256 681	115 65
Lime farms	2 991	50	460	830	716	661	27
acres on which used	149 093	2 980	21 406	42 364	36 071	34 053	12 21
tons	362 516	5 908	48 620	104 781	85 558	89 551	28 09
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops farms	7 666	180	1 386	2 180	1 792	1 440	68
acres on which used Nematodes in crops	461 502 536 35 829	8 852 16 544	77 016 79 3 859	126 851 146 13 986	115 119 151 11 157	90 425 108 3 698	43 23 3 2 58
Diseases in crops and orchards farms	465	15	28	121	177	79	1 71
acres on which used	25 169	566	2 484	3 611	13 475	3 317	
Waeds, grass, or brush in crops and pasture farms acres on which used	14 877	347	2 531	3 959	3 763	2 965	1 31
	1 317 969	23 072	235 653	376 099	331 478	243 164	108 50
Chemicals for defoliation or for growth control of crops or thinning of fruit farms acres on which used	258	1	32	81	56	61	2
	17 216	(D)	(D)	7 013	4 338	3 864	66

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

					Ferming			
Item	Total farming				Age of opera	ator (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operetors Full owners Part owners Tenents	105 180 48 226 35 207 21 747	75 279 28 709 30 242 16 328	1 961 434 268 1 259	12 339 2 292 4 120 5 927	13 462 3 036 6 693 3 733	14 323 4 668 7 782 1 873	19 734 8 708 8 729 2 297	13 460 9 571 2 650 1 239
White Full owners Part owners Tenants	105 056 48 162 35 182 21 712	75 203 28 676 30 222 16 305	1 958 433 267 1 258	12 324 2 290 4 117 5 917	13 447 3 031 6 686 3 730	14 309 4 660 7 778 1 871	19 728 8 704 8 728 2 296	13 437 9 558 2 646 1 233
Black and other races Full owners Pert owners Tenants	124 64 25 35	76 33 20 23	3 1 1 1 1 1	15 2 3 10	15 5 7 3	14 8 4 2	6 4 1 1	23 13 2
OWNED AND RENTED LAND								
Land owned	84 315 17 021 650 83 433 15 050 360	59 651 14 183 481 58 951 12 762 763	709 76 108 702 66 763	6 503 977 958 6 412 864 341	9 811 2 053 862 9 729 1 912 621	12 544 3 353 982 12 450 3 153 097	17 641 4 769 345 17 437 4 365 801	12 443 2 952 226 12 221 2 400 140
Land rented or leased from others farms acres_ Rented or leased lend in ferms farms ecres_	57 231 16 739 305 56 954 16 587 770	46 750 15 313 002 46 570 15 195 916	1 528 361 222 1 527 359 424	10 068 3 464 886 10 047 3 442 517	10 444 4 121 892 10 426 4 105 480	9 688 3 304 525 9 655 3 279 289	11 072 3 171 394 11 026 3 141 387	3 950 889 083 3 889 867 819
Land rented or leased to others farms acres	14 144 2 122 825	9 369 1 537 804	90 11 143	826 135 986	1 020 157 653	1 409 226 121	2 587 433 551	3 437 573 350
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated Not on farm operated Not reported	78 710 20 505 5 965	59 943 11 326 4 010	1 124 753 84	8 952 2 855 532	11 033 1 810 619	12 135 1 486 702	16 312 2 413 1 009	10 387 2 009 1 064
Operators by principal occupation: FarmingOther	75 279 29 901	75 279 -	1 961	12 339	13 462	14 323	19 734	13 460
Operators by days of work off farm: None	51 753 46 229 13 104 7 197 25 928	48 742 19 339 11 954 3 985 3 400	822 1 028 634 206 188	6 613 4 928 2 978 982 968	8 010 4 517 2 711 946 860	9 351 3 830 2 295 827 708	13 913 3 837 2 493 807 537	10 033 1 199 843 217 139
Not reported	7 198	7 198	111	798	935	1 142	1 984	2 228
Operators by years on present farm: 2 years or less	5 787 5 973 13 617 65 721 19.7	3 203 3 398 8 219 50 830 21.9	722 527 390 - 3.2	1 264 1 593 4 446 3 744 7.7	528 630 1 809 9 035 13.7	264 265 698 11 372 22.0	258 229 540 16 361 29.5	167 154 336 10 318 35.6
Not reported	14 082	9 629	322	1 292	1 460	1 724	2 346	2 485
Operators by age group: Under 25 years	2 852 17 458 21 282 10 512 11 232	1 961 12 339 13 462 6 661 7 662	1 961	12 339 - - - -	13 462	6 661 7 662	-	=
55 to 59 years	12 608 12 679 7 848 8 709 49.3	9 492 10 242 6 362 7 098 50.3	22.2	30.0	39.3	49.6	9 492 10 242 - 59.6	6 362 7 098 71.3
Operators by sex: Male Female	101 838 3 342	73 431 1 848	1 954 7	12 232 107	13 278 184	14 062 261	19 207 527	12 698 762
Operators of Spanish origin (see text)	105	75	3	17	12	5	24	14
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms_acres_Partnership farms_	89 188 25 058 946 11 088	63 076 22 076 586 8 300	1 692 356 591 233	10 207 3 489 508 1 716	11 296 4 807 426 1 336	12 179 5 176 318 1 194	16 505 5 820 240 2 145	11 197 2 426 503 1 676
Corporation:	3 802 372	3 351 841	56 526	604 097	627 263	586 395	955 635	521 925
Family held	4 094 2 568 304 81 4 013	3 428 2 374 674 65 3 363	9 565 1 22	337 189 348 4 333	730 550 304 9 721	875 645 967 14 861	977 692 741 20 957	486 286 749 17 469
Other than family held farmsacres	310 91 558	181 68 493	4 86	38 8 873	46 17 851	34 14 418	32 14 325	27 12 940
More than 10 stockholders farms 10 or less stockholders farms	91 558 34 276	14 167	4	36	5 41	31	3 29	1 26
Other—cooperative, estate or trust, institutional, etc	500 116 950	294 87 085	9 3 419	41 15 032	54 15 257	41 9 288	75 24 247	74 19 842

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

_				Other occupations			
Item				Age of operate	or (years)		
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and ove
TENURE AND RACE OF OPERATOR							
All operators Full owners Part owners Tenents	29 901 19 517 4 965 5 419	891 382 54 455	5 119 2 415 848 1 856	7 820 4 655 1 610 1 555	7 421 5 272 1 357 792	5 553 4 251 824 478	3 097 2 544 277 283
White Full owners Part owners Tanents	29 853 19 486 4 960 5 407	890 381 54 455	5 112 2 411 848 1 853	7 802 4 644 1 608 1 549	7 411 5 264 1 356 791	5 551 4 250 823 478	3 08: 2 53(27) 28:
Black and other races Full owners Part owners Tenants	48 31 5 12	1 1 - -	7 4 - 3	18 11 1 6	10 8 1	2 1 1 1 -	10
OWNED AND RENTED LAND							
Land owned farms acres Owned land in ferms farms	24 664 2 838 169 24 482	436 16 139 436	3 288 223 661 3 263	6 308 591 207 6 265	6 669 808 601 6 629	5 118 724 785 5 075	2 845 472 766 2 814
acres Land ranted or leased from others farms	2 287 597 10 481	12 266 510	180 755	503 728	677 964	581 579	331 30
Ranted or leased land in farms farms acres	1 426 303 10 384 1 391 854	50 364 509 48 726	2 717 371 412 2 704 365 563	3 191 457 561 3 165 444 039	2 174 290 990 2 148 284 162	1 322 177 077 1 302 172 436	567 78 899 555 76 928
Land ranted or leased to others farms acres	4 775 585 021	52 5 511	436 48 755	930 101 001	1 228 138 465	1 169 147 857	980 143 4 32
OPERATOR CHARACTERISTICS	333 32	3 311	40 733	101 001	130 403	147 657	143 432
Operators by place of residenca: On farm operated Not on farm operated	18 767 9 179 1 955	401 448 42	3 061 1 788 270	5 095 2 284 441	4 967 1 970 484	3 554 1 612 387	1 689 1 077 331
Operators by principal occupation: Farming Other	29 901	891	5 119	7 820	7 421	5 553	3 097
Operators by days of work off farm:					. 42.	3 330	3 007
None	3 011 26 890 1 150 3 212 22 528	81 810 80 133 597	180 4 939 147 467 4 325	234 7 586 161 777 6 648	246 7 175 195 772 6 208	636 4 815 254 787 3 894	1 632 1 465 313 296 856
Not reported	-	-	-	-	-	-	
Operators by years on present farm: 2 years or less 3 or 4 years 5 to 9 years 10 years on more Average years on present farm	2 584 2 575 5 398 14 891 14.0	353 191 118 - 2.9	961 925 1 734 879 6.0	665 777 1 899 3 562 9.9	326 410 997 4 709 15.0	192 192 484 3 813 20.7	87 80 166 1 908 28.8
Not reported	4 453	229	620	897	979	872	856
Operators by age group: Under 25 years 25 to 34 years 35 to 44 years 45 to 49 years	891 5 119 7 820 3 851	891 - - -	5 119	7 820	- - - 3 851	-	- - -
50 to 54 years 55 to 59 years	3 570 3 116	-	-	-	3 570	3 116	-
60 to 64 years	2 437 1 486	-	-	=		2 437	1 486
70 years and over	1 611 46.7	21.8	30.2	39.5	49.2	59.1	1 611 71.4
Operators by sex: Male Female	28 407 1 494	853 38	4 989 130	7 569 251	7 130 291	5 168 385	2 698 389
Operators of Spanish ongin (see text)	30	-	3	8	3	8	ε
FARMS BY TYPE OF ORGANIZATION				0_0			
Individual or family (sole proprietorship) farms acres	26 112 2 982 360	790 53 272	4 468 452 915	6 963 787 685	6 679 813 743	4 761 586 881	2 451 287 864
Partnership farms acres Corporation:	2 788 450 531	6 540	541 73 389	632 110 486	545 93 081	525 94 168	465 72 867
Family held	666 193 630 16	9 558 -	62 14 823	146 37 807 2	131 42 776 5	180 56 082 6	138 41 584 2
10 or less stockholders farms	650	9	61	144	126	174	136
Other than family held farms_ acres_ More than 10 stockholders farms_ 10 or less stockholders farms_	129 23 065 20 109	- - -	13 1 796 5 8	38 6 649 10 28	28 3 776 2 26	38 8 518 2 36	12 2 326 1 11
Other—cooperative, estate or trust, institutional, etc	206 29 865	12 622	35 3 395	41 5 140	38 8 750	49 8 366	31 3 592

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

					Farming			
Item	Total farming				Age of opera	tor (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE								
1 to 9 acres	7 974 10 981 2 901 6 981 7 168 10 506 6 574 7 119 25 378 15 874 3 401 323	3 181 3 330 1 175 3 608 4 332 7 432 4 990 5 851 22 709 15 105 3 266 300	256 142 59 141 158 290 137 171 427 165 15	741 488 173 515 644 1 192 889 991 3 964 2 322 381 39	466 432 128 373 526 990 771 949 4 212 3 645 902 68	455 423 143 423 555 1 054 746 995 4 605 3 925 916 83	570 629 218 749 1 064 1 967 1 330 1 640 6 778 3 908 812 69	693 1 216 454 1 407 1 385 1 939 1 117 1 105 2 723 1 140 240
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcana and sugar beets; Irish potatoes; field crops, except cash	50 200 1 451 - -	37 149 488 - -	977 10 - -	5 884 40 -	6 499 66 - -	6 840 49 	10 233 96 - -	6 716 227 - -
grains, n.e.c. (0133, 0134, 0139)	1 451	488	10	40	66	49	96	227
Vegetables and melons (016) Fruits and tree nuts (017) Horticultural specialties (018) General farms, primarily crop (019) Livestock, except dairy, poultry, and animal spacialties (021)	213 195 278 1 039 43 979	93 69 112 548 31 036	2 - 14 827	7 9 12 78 5 175	22 6 30 76 5 555	12 10 28 92 5 957	20 17 22 151 7 875	30 27 20 137 5 6 47
Baef cattle, except feedlots (0212)	10 095	5 298	80	425	491	659	1 381	2 262
Dairy farms (024)	4 209 570 1 601 1 445	3 942 327 311 1 204	105 4 6	859 45 28 202	868 59 55 226	915 56 56 308	856 104 67 293	339 59 99 159
LIVESTOCK								
Cattle and calves inventory farmsnumber	49 469 4 303 682	38 442 3 870 599	808 50 618	5 880 541 958	6 783 758 009	7 677 940 933	10 164 1 078 580	7 130 500 501
Farms with — 1 to 9	4 928 19 719 12 289 8 310 3 423 800	2 157 13 738 10 761 7 745 3 287 754	88 383 194 109 30 4	348 2 042 1 707 1 264 437 82	366 2 059 1 896 1 603 705 154	316 2 267 2 185 1 814 885 210	460 3 522 3 009 2 044 905 224	579 3 465 1 770 911 325 80
Cows and heifers that had calvad farms number_	38 373 1 418 633	30 288 1 252 315	571 17 816	4 380 177 280	5 311 240 745	6 066 278 536	8 031 343 239	5 929 194 699
Beaf cows farms number	32 279 1 123 745	24 691 968 219	412 12 094	3 158 119 283	4 137 177 608	4 771 207 638	6 763 277 922	5 450 173 674
Farms with — 1 to 9 — 10 to 49 — 50 to 99 — 100 to 199 — 200 to 499 — 500 or more	5 883 19 651 4 965 1 467 276 37	3 176 15 315 4 542 1 369 257 32	107 244 45 12 4	390 2 020 552 163 29 4	477 2 422 893 292 47 6	515 2 829 1 014 344 65	772 4 205 1 327 369 76 14	915 3 595 711 189 36 4
Milk cows farms number	7 748 294 888	7 013 284 096	172 5 722	1 417 57 997	1 443 63 137	1 623 70 898	1 631 65 317	727 21 0 25
Farms with— 1 to 4 5 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	880 278 4 340 1 955 272 22 1	550 211 4 041 1 922 266 22	7 12 118 34 1	63 36 862 413 43	89 28 808 450 62 5	90 36 943 459 86 9	137 54 936 441 58	164 45 374 125 16 3
Heiters and heifer calves farms number	38 383 1 275 321	30 457 1 156 474	625 14 847	4 650 171 202	5 408 231 937	6 183 297 268	8 075 313 407	5 516 127 813
Staars, steer calves, bulls, and bull calves farmsnumber	42 527 1 609 728	33 417 1 461 810	663 17 955	4 952 193 476	5 864 285 327	6 722 365 129	8 957 421 934	6 259 177 989
Cattle and caives soid farms number \$1,000 - farms number farms number farms number farms number farms number farms farms farms farms farms	50 509 3 539 020 2 124 641 16 116 355 396 101 352 43 833	39 547 3 195 483 1 939 601 11 949 295 779 83 444 34 910	800 32 789 17 872 286 5 091 1 399 684	5 971 410 074 239 572 1 896 45 442 11 708 5 298	6 916 608 915 370 436 2 009 53 287 15 482 6 178	7 937 830 851 518 043 2 291 64 683 18 454 7 082	10 528 949 068 588 966 2 932 72 464 20 601 9 396	7 395 363 786 204 712 2 535 54 812 15 801 6 272
number \$1,000 Fattened on grain and concentrates farms number \$1,000	3 183 624 2 023 290 22 503 2 405 669 1 643 176	2 899 704 1 856 157 19 004 2 244 748 1 538 781	27 698 16 474 338 19 026 12 325	364 632 227 864 2 832 264 963 179 641	555 628 354 954 3 481 430 617 294 870	766 168 499 589 4 103 621 464 429 086	876 604 568 365 5 340 697 857 480 696	308 974 188 911 2 910 210 821 142 163

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

[For meaning of abbreviations and symbols, see introductions and symbols, see introductions are symbols, see introductions and symbols, see introductions are symbols.]	tory text]			ther occupations			
ltem				Age of operator	(vears)		· <u> </u>
цен	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE							
1 to 9 acres 10 to 49 acres 50 to 69 ecres 70 to 99 acres 100 to 139 acres 140 to 179 acres 180 to 219 acres 220 to 259 acres 260 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acras or more	4 793 7 651 1 726 3 373 2 836 3 074 1 584 1 268 2 669 769 135 23	326 198 52 83 73 61 41 19 32 5	1 205 1 170 239 550 455 539 224 191 431 101 14	1 348 2 057 401 775 715 822 431 345 705 180 34	914 1 977 479 900 711 755 412 323 692 212 39	594 1 444 370 696 575 587 304 237 532 177 31 6	406 805 1855 369 307 310 172 153 277 94 16
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane end sugar beets; Irish potatoes; field crops, except cash	13 051 963 - -	359 11 - -	2 180 105 -	3 347 242	3 238 264 - -	2 548 209 - -	1 379 132 - -
grains, n.e.c. (0133, 0134, 0139)	963	11	105	242	264	209	132
Vegetables and melons (016) Fruits and trea nuts (017) Horticultural specialties (018) General farms, primarily crop (019) Livestock, axcept dairy, poultry, and	120 126 166 491	2 2 1	12 11 19 60	31 33 51 139	30 35 44 135	26 38 27 112	19 9 23 44
animal specialties (021) Beef cattle, except feedlots (0212)	12 943 4 797	469 119	2 455 646	3 348 1 018	3 165 1 268	2 219 1 052	1 287 694
Dairy farms (024) Poultry end eggs (025) Animal specialties (027) General farms, primarily livestock and animal specialties (029)	267 243 1 290 241	17 6 17 7	38 48 169 22	72 50 432 75	67 57 336 50	49 48 218	24 34 118 28
LIVESTOCK							
Cattle and calves inventory farmsnumber	11 027 433 083	315 9 377	1 775 62 095	2 809 108 827	2 802 106 914	2 092 92 363	1 234 53 507
Farms with— 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	2 771 5 981 1 528 565 136 46	103 159 35 16 1	516 951 212 76 16 4	821 1 445 378 122 32	651 1 552 414 139 36 10	439 1 148 314 146 31 14	241 726 175 66 20
Cows and heifers that had calved farms number	8 085 166 318	210 3 737	1 172 20 471	1 986 39 771	2 134 43 393	1 621 37 615	962 21 331
Beef cows farms number	7 588 155 526	183 3 218	1 080 18 936	1 854 37 334	2 003 40 556	1 546 35 016	922 20 466
Farms with— 1 to 9— 10 to 49— 50 to 99— 100 to 199— 200 to 499— 500 or more	2 707 4 336 423 98 19 5	78 94 8 3 -	442 577 48 11 2	732 1 010 89 18 3	665 1 200 106 28 4	492 912 112 23 5	298 543 60 15 5
Milk cowstarms number	735 10 792	35 519	115 1 535	219 2 437	180 2 837	120 2 599	66 865
Farms with— 1 to 4 5 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	330 67 299 33 6	11 7 16 1 - -	49 14 48 4 - -	121 12 81 5 - -	73 17 81 6 3 -	44 11 48 15 2 -	32 6 25 2 1
Heiters and heifer calvesfarms	7 926	235	1 231	1 988	2 033	1 575 24 056	864 12 711
Steers, steer calves, bulls, and bull calves	9 110 147 918	2 633 238 3 007	21 459 1 408 20 165	30 271 2 338 38 785	27 717 2 355 35 804	1 768 30 692	1 003 19 465
Cattle and calves sold farms number \$1,000	10 962 343 537 185 040	310 6 370 3 110	1 724 59 615 33 371	2 704 83 975 47 141	2 836 82 297 41 448	2 118 64 812 35 518 772	1 270 46 468 24 452 539
Calvesfarms number \$1,000 Cattlefarms number	4 167 59 617 17 907 6 923 283 920	122 1 382 413 261 4 988	626 7 770 2 319 1 409 51 845	1 001 14 546 4 260 2 217 69 429	1 107 17 475 5 239 2 285 64 822	10 377 3 222 1 751 54 435	8 067 2 455 1 000 38 401
\$1,000_ Fattened on grain and concentrates farms number \$1,000	167 133 3 499 160 921 104 395	2 697 123 2 695 1 649	31 052 600 37 064 24 225	42 881 916 33 964 22 562	36 210 878 36 461 23 184	32 296 635 27 766 17 630	21 997 347 22 971 15 145

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

					Ferming			
ltem	Total farming				Age of oper	etor (yeers)		
	end other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 end ove
LIVESTOCK - Con.								
Hogs end pigs inventory ferms number	36 670 12 983 074	30 475 11 887 067	908 232 802	6 389 2 522 212	6 624 2 968 249	6 575 2 800 300	7 281 2 722 486	2 898 641 018
Ferms with— 1 to 24	3 530	1 948	71	244	354	344	499	43
25 to 49 50 to 99	2 560 4 220	1 741 3 207	70 153	307 627	251 544	320 646	443 815	35 42
100 to 199 200 to 499	6 766 11 269	5 666 10 053	199 291	1 183	1 130	1 188	1 440	52
500 or more	8 325	7 860	124	2 312 1 716	2 281 2 064	2 198 1 879	2 343 1 741	62 33
Used or to be used for breeding ferms number	26 944 1 657 873	23 142 1 522 718	662 31 441	4 942 335 734	5 135 376 680	4 999 352 200	5 448 340 680	1 95 85 98
Otherferms number	35 152 11 325 201	29 443 10 364 349	867 201 361	8 210 2 186 478	6 442 2 591 569	6 379 2 448 100	7 024 2 381 806	2 52 555 03
Hogs end pigs sold ferms number	38 638 23 483 812	31 856 21 239 788	961 413 123	6 626 4 682 323	6 859 5 330 258	6 856 4 856 909	7 635 4 816 492	2 91 1 140 68
\$1,000_ Feeder pigs farms_	2 494 231	2 275 513 7 022	40 406 294	474 265	570 085	532 021	533 965	124 76
number_ \$1,000_	8 972 4 460 979 209 249	3 809 208 179 421	116 659 5 230	1 887 1 175 432 54 561	1 710 983 734 47 491	1 349 729 869 34 335	1 323 641 154 30 459	45 162 36 7 34
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 farms number	28 037 2 495 867	23 914 2 297 634 22 448	687 46 147	5 098 515 713	5 262 577 729	5 163 522 959	5 640 512 018	2 06- 123 06-
Dec. 1 and May 31 farms number	26 110 1 251 973	1 153 487	610 21 966	4 753 255 272	5 001 290 441	4 881 262 201	5 335 260 281	1 86 63 32
June 1 and Nov. 30 farms number	25 992 1 243 894	22 321 1 144 147	663 24 181	4 877 260 441	5 026 287 288	4 869 260 758	5 165 251 737	1 72 59 74
Sheep and lambs of ell eges inventory ferms number	8 636 451 617	5 651 319 781	154 10 057	848 65 043	1 119 61 098	1 125 68 830	1 363 70 180	1 04 44 57
Ewes 1 year old or olderfarms number	8 089 280 591	5 316 207 930	149 6 658	797 42 084	1 033 42 499	1 066 42 903	1 291 45 578	98 28 20
Sheep and lambs sold farms number	8 806 607 492	5 765 380 835	160 13 281	874 117 304	1 150	1 133	1 403	1 04
Sheep and lambs shom farms	8 052	5 316	154	783	57 957 1 051	78 081 1 063	74 471 1 284	39 74 98
number pounds of wool	542 200 2 901 639	333 401 2 148 525	12 218 72 895	74 954 403 044	61 570 394 265	71 711 493 824	71 882 489 205	41 066 295 292
Horses end ponies inventory ferms number	11 647 59 338	6 525 32 662	109 533	926 3 766	1 580 7 381	1 419 7 567	1 365 7 220	1 120 6 199
Horses and ponies sold farms number	2 453 9 909	1 182 5 429	20 44	163 399	293 1 050	239 1 412	242 1 347	229 1 17
Goats inventory ferms number	1 082 7 387	535 3 672	10 77	77 805	141 1 017	99 569	113 557	9 64
Goets sold farms number	366 3 198	172 1 276	18	32 194	32 270	35 208	33 193	39:
POULTRY								
Chickens 3 months old or older inventory farms number	4 897 9 580 666	3 311 6 441 802	47 25 477	397 1 020 171	535 752 315	573 1 044 387	858 2 963 628	90° 635 824
Farms with— 1 to 399	4 456	2 963	44	357	488	496	749	82
400 to 3,199	175 93	153 76	- 2	11 9	16 12	30 17	47 24	4 1:
10,000 to 19,999 20,000 to 49,999	82 50	53 37	1	6 9	10	12 14	18	
50,000 to 99,999 100,000 or more	25 16	20 9	-	3 2	4 1	4 -	7 5	
Hens and pullets of laying age farms	4 834	3 263	47	392	528 551 986	564 955 756	850	88
Pullets 3 months old or older not of laying age farms	8 212 576 487	5 819 132 325	25 417	967 367 47	551 966	955 / 56	2 845 211	473 39 10
number	1 368 090	622 670	60	52 804	200 329	88 631	118 417	162 42
Hens and pullets sold farms number	9 873 596	6 334 651	77 498	730 947	1 454 681	1 324 031	2 319 839	140 427 65
Broilers and other meat-type chickens sold farms	1 060	658	21	172	151	122	118	7-
Farms with —	666 016	513 188	4 161	122 379	65 518	71 485	231 175	18 47
1 to 1,999	1 021 38	630 27	21	163 9	143 8	118	113	7:
60,000 to 99,999	1	1	-	-	-	-	1	
Turkey hens kept for breeding farms number	345 71 889	164 38 381	3	24 5 958	41 2 676	29 16 803	38 12 808	29 125
Turkeys sold farms farms	407	264	11 3	5 958	63	16 803	12 808 70	22

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

				Other occupations			
Item				Age of opera	tor (years)		
	Totel	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.							
Hogs and pigs inventory ferms	6 195 1 096 007	257 42 860	1 614 290 333	1 786 298 112	1 412 243 386	786 142 627	340 78 689
Farms with —				1			
1 to 24 25 to 49	1 582 819	55 36	313 205	489 229	416 194	207 109	102 46
50 to 99	1 013	48	302	262	227	135	39
100 to 199 200 to 499	1 100 1 216	55 46	327 342	318 379	211 249	125 149	64 51
500 or more	465	17	125	109	115	61	36
Used or to be used for breeding farms	3 802 135 155	157 5 103	995 38 203	1 095 38 268	852 28 450	493 17 228	210 7 900
Other ferms	5 709	242	1 487	1 657	1 308	704	311
number	960 852	37 757	252 130	259 844	214 936	125 399	70 786
Hogs and pigs sold farms number	6 782 2 244 024	295 64 850	1 734 615 987	1 958 625 511	1 528 495 333	880 299 933	387 142 410
\$1,000	218 719	6 526	56 370	59 252	50 284	30 621	15 665
Feeder pigs farms number	1 950 651 771	86 17 528	536 228 213	614 198 157	418 116 203	215 72 407	81 19 263
\$1,000	29 828	810	10 540	8 904	5 376	3 305	893
Litters of pigs farrowed between — Dec. 1 of preceding yeer and Nov. 30 farms	4 123	175	1 063	1 184	007	504	900
number	198 233	6 598	56 002	53 955	937 43 756	534 27 272	230 10 650
Dec. 1 end May 31 farms number	3 662 98 486	155 3 113	938 27 426	1 061	831	476	201 5 237
June 1 end Nov. 30 farms	3 671	161	978	26 997 1 066	21 894 809	13 819 458	199
number	99 747	3 485	28 576	26 958	21 862	13 453	5 413
Sheep and lambs of all ages inventory farms number	2 985 131 836	98 3 613	476 21 613	952 31 483	769 31 639	446 36 172	244 7 316
Ewes 1 year old or older farms	2 773	93	437	875	732	414	222
number	72 661	2 657	13 837	21 300	19 269	10 747	4 851
Sheep and lambs sold farms	3 041 226 657	95 3 723	468 19 995	974 31 399	781 49 447	472 114 857	251 7 236
Sheep and lambs shorn farms	2 736	92	425	867	711	422	219
number pounds of wool	208 799 753 114	3 862 28 029	19 532 124 285	31 242 207 331	31 549 198 682	115 299 144 970	7 315 49 817
Horses and ponies inventory farms	5 122	84	780	1 658	1 371	861	368
Horses and ponies sold farms	26 676 1 271	407 25	3 390 203	8 535 437	7 154 344	4 749 179	2 441 83
Goats inventory farms	4 480 547	86	743 93	1 464 214	1 134 135	651 71	402 31
number	3 715	16	939	1 126	7 2 5	453	456
Goats sold farms number	194 1 922	-	33 356	74 849	46 422	26 153	15 142
POULTRY							
Chickens 3 months old or older inventory farms	1 586	17	247	473	388	248	213
Farms with—	3 138 864	45 048	352 230	732 067	1 325 206	315 894	368 419
1 to 399 400 to 3,199	1 493	13	223	458	367	233	199
3,200 to 9,999	22 17	1	8 3	2	4	2	2
10,000 to 19,999	29 13	3	10	2 4	7 3	5	2
50,000 to 99,999	5	-	ż	-	2	i	-
100,000 or more	7	-	-	3	2	1	1
Hens and pullets of laying age farms number	1 571 2 393 444	17 45 048	245 221 350	470 513 658	384 1 061 735	243 248 723	212 302 930
Pullets 3 months old or older not of laying age	162	45 040	26	60	30	28	18
number	745 420		130 880	218 409	263 471	67 171	65 489
Hens and pullets sold farms number	235 3 538 945	39 123	589 990	50 682 903	50 975 317	890 258	37 361 354
	3 333 545	33 ,20	550 555	552 555	2.0 0	-30 233	20. 30
Broilers and other meat-type chickens sold farms	402	11	98	138	81	56	18 8 993
Farms with—	152 828	2 550	32 152	46 122	22 826	40 185	
1 to 1,999 2,000 to 59,999	391	11	95	134	80	54 2	17 1
60,000 to 99,999	11 -	[]	3	4 -	-	-	-
100,000 or more	-	-	-	-	-	-	-
Turkey hens kept for breeding farms	181	2	38	57	49	23	12
Turkeys sold farms	33 508 143	(D)	(D) 34	215 39	22 077 45	4 115 18	73 4
number_	2 375 647	16 614	216 143	1 031 362	395 437	697 826	18 265

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

					Farming			
Item	Total ferming				Age of ope	rator (years)	-	
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED								
Corn for grain or seed	83 301 10 147 051 1 274 388 346 453	66 463 9 217 643 1 164 174 492 399	1 581 152 708 19 354 286 4	11 039 1 521 716 193 428 088 69	12 374 2 081 071 265 528 568 100	13 149 2 170 314 276 172 334 88	17 966 2 410 809 304 072 777 93	10 354 881 025 105 618 441 45
Farms by acres harvested:	62 099	57 530	299	9 235	12 150	12 417	15 391	8 038
1 to 24 acres	11 524 35 088 27 186 7 726 1 777	5 443 26 671 25 177 7 461 1 711	149 901 443 79 9	599 4 418 4 669 1 138 215	602 3 933 5 407 1 970 462	701 4 292 5 665 2 000 491	1 279 7 572 6 890 1 811 414	2 113 5 555 2 103 463 120
Corn for silage or green chop farms acres tons, green Irrigated farms acres	7 934 205 176 3 251 394 7	7 402 193 852 3 089 005 7	83 1 270 17 736	1 054 23 939 384 499 2 (D)	1 473 36 978 579 822 1 (D)	1 812 51 627 830 562 2 (D)	2 090 59 148 956 922 2 (D)	890 20 890 319 464
Farms by acres harvested: 1 to 24 acres	5 508 2 112 265 41 8	5 113 1 990 251 40 8	69 14 - -	788 233 30 2	1 028 388 51 6	1 205 525 65 13	1 414 576 80 1 17	609 254 25 2
Sorghum for grain or seed farms acres bushels Irrigeted farms acres	108 4 376 334 779 - -	85 3 969 312 462 -	(D) (D) -	15 (D) (D) -	19 646 53 707	23 1 133 104 058	15 848 62 852 -	11 995 64 519 -
Wheat for grain	1 345 31 047 1 180 360 2 (D)	1 131 26 689 1 030 257 2 (D)	16 982 17 251 -	147 2 605 105 789 1 (D)	236 6 053 253 199 1 (D)	234 5 588 206 480	296 6 748 242 188	202 5 312 205 350
Farms by acres harvested: 1 to 24 acres	998 307 33 5	823 275 27 5	11 4 1 -	112 34 1 -	173 55 7	177 51 4 2	212 76 7 1	138 55 7 2
Barley for grain	357 6 545 358 125 7 483	325 6 178 339 452 7 483	12 131 4 940 - -	65 1 203 74 103 1 (D)	76 1 453 78 690 1 (D)	62 1 232 68 862 1 (D)	81 1 645 85 867 3 77	29 514 26 990 1 (D)
Oats for grain	25 398 544 907 30 918 660 16	22 440 500 028 28 617 452 14	411 7 626 435 022 -	3 580 76 422 4 421 994	4 304 98 106 5 799 529 2	4 812 111 937 6 571 596 3	6 088 137 495 7 796 349	3 245 68 442 3 592 962
acres. Farms by acres hervested: 1 to 24 acres 25 to 99 acres 100 to 249 ecres 250 to 499 acres 500 acres or more	484 18 021 7 125 238 13	(D) 15 514 6 691 222 12	324 84 3 - -	275 } 2 532 1 016 30 2	(D) 2 937 1 317 48 2	28 3 210 1 549 51 2	72 4 160 1 869 55 3	2 351 856 35 3
Soybeans for beens farms acres bushels Irrigated farms acres	68 278 7 903 395 326 081 351 221 20 304	55 477 7 187 026 297 484 547 190 18 409	1 326 118 149 4 919 327 4 162	9 192 1 168 641 48 631 235 31 2 659	10 396 1 625 420 67 637 686 36 3 276	10 948 1 654 804 68 769 395 50 5 075	15 237 1 919 826 79 440 937 43 5 207	8 378 700 186 28 085 967 26 2 030
Farms by acres harvested: 1 to 24 acres 25 to 99 ecres 100 to 249 acres 250 to 499 acres 500 acres or more	10 200 28 626 22 245 6 197 1 010	5 977 21 868 20 665 5 991 976	183 716 372 48 7	830 3 704 3 661 870 127	761 3 404 4 304 1 645 282	889 3 673 4 520 1 575 291	1 539 6 065 5 943 1 483 207	1 775 4 306 1 865 370 62
Irish potatoes farms_acres cwt_ Irrigated farms_	104 1 998 336 981 20	82 1 937 318 112 19	2 (D) (D)	8 (D) (D) 3	14 476 84 511 2	12 258 36 165 5	21 687 115 555 5	25 450 69 060 3
acres	1 158	(D)	(D)	44	(D)	254	334	431
Hay-alfalfa, other tame, small grain, wild, grass silege, green chop, etc. (see text) ferms acres tons, dry lrrigated ferms	48 271 1 968 207 5 612 944 45	37 951 1 735 153 5 047 422	663 23 037 63 470	5 650 255 765 753 725	6 891 343 104 1 034 592	7 673 383 515 1 172 248	10 248 467 836 1 345 199	6 826 261 896 678 188
Farms by acres harvested:	1 216	36 1 105	(D)	(D)	244	5 115	164	111
1 to 24 acres	22 645 21 233 4 085 278 30	15 400 18 408 3 849 265 29	338 288 34 2 1	2 313 2 725 583 27 2	2 626 3 349 847 64 5	2 840 3 795 965 68 5	4 039 5 140 990 68 11	3 244 3 111 430 36 5
Alfalfa hay farms acres tons, dry_	41 883 1 380 550 4 444 233	33 212 1 211 566 3 985 540	574 16 369 51 602	4 958 176 218 596 345	6 152 241 724 826 767	6 823 271 426 933 666	8 936 326 093 1 050 703	5 769 179 736 526 457
		1 211 566 3 985 540 26 1 604	16 369 51 602 1 (D)	176 218 596 345 7 (D)	241 724 826 767 5 104	271 426 933 666 4 111	326 093 1 050 703 4 40	

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

	· · ·			Other occupations			
Item				Age of opera	ator (yeers)	_	
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and ove
CROPS HARVESTED							
Corn for grain or seed farms ecres bushels	16 838 929 408 110 213 854	424 20 898 2 497 419	2 938 164 646 19 831 895	4 410 248 510 29 605 944	4 276 229 591 26 984 323	3 170 177 427 20 967 557	1 620 88 336 10 326 716
Irrigated farms ecres Ferms by acres harvested:	54 4 569	(D)	(D)	15 1 417	18 1 254	13 1 084	61
1 to 24 ecres	6 081 8 417 2 009 265	145 224 52	930 1 572 387 41	1 545 2 253 527 67	1 650 2 062 491 54	1 206 1 524 353 73	60: 78: 19: 2:
500 ecres or more	66 532	5	65	18	19	14	7
ecres tons, green irrigetedferms ecres	11 324 162 389 - -	32 375 - -	1 351 17 437	2 021 29 359 - -	2 890 41 931 - -	2 756 39 551 - -	2 27 33 73
Ferms by acres harvested: 1 to 24 ecres 25 to 99 ecres 100 to 249 ecres 250 to 499 ecres 500 ecres or more	395 122 14 1	5	51 11 3 -	104 19 1 - -	95 30 3 1 -	92 38 3 - -	41 2- -
Sorghum for grain or seed	23 407 22 317	(D) (D)	-	9 (D) (D)	4 22 1 252	5 137 11 212	6 4 46
wheat for grein ferms	214	2	37	62	48	- - 42	2:
ecres bushels Irrigeted ferms acres	4 359 150 103 - -	(D) (D)	(D) (D) - -	1 315 34 505	742 32 337	755 27 272 - -	67 23 05
Farms by acres harvested: 1 to 24 acres 25 to 99 ecres 100 to 249 acres 250 to 499 ecres 500 acres or more	175 32 6 -	2	27 9 1 -	52 9 - 1	42 5 1 -	36 4 2 -	1
Barley for grain	32 367 18 673	-	4 47 2 020 -	8 122 6 530	10 112 5 877	10 86 4 246 -	
Oets for grain farms	2 958 44 879	75 1 085	500 7 038	815 11 552	742 11 615	557 8 986	26 4 6 0
bushels	2 301 208 2 (D)	66 632	375 253 1 (D)	570 620	601 515	462 518 1 (D)	224 67
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	2 507 434 16 1	61 14 - - -	440 58 2 -	695 117 3 -	633 104 4 1	470 80 7 -	200 6
Soybeans for beans	12 801 716 369 28 596 804 31	328 14 790 598 726	2 288 126 541 5 084 175	3 338 196 493 7 883 942 6	3 160 174 795 6 951 373 10	2 413 132 396 5 275 170	1 27 71 35 2 803 41
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres	1 895 4 223 8 758 1 580 206	116 182 29	133 682 1 280 298 25	178 1 028 1 819 418 63	1 093 1 604 405 45	(D) 874 1 220 262 50	(D 431 65: 16: 2:
500 acres or more	34	-	2	10	13	7	;
irish potatoes ferms_ acres cwt Imgated ferms	22 61 18 869	-	(D) (D)	3 (D) (D)	6 24 10 578	7 7 1 531 -	70
Hay – alfalfa, other tame, small grain, wild,	(D)	450		2 750	2 796	2 126	(D 1 04
grass silage, green chop, etc. (see text) farms_ acres tons, dry_ imgated tarms_	10 320 233 054 565 522 9	159 3 249 7 923	1 440 31 339 77 712 2	2 752 56 534 136 844	62 956 154 945 4 64	50 686 122 129 1	28 290 65 969
acres Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	7 245 2 825 2 36 236 13	117 40 2 -	(D) 1 040 366 31 3	(D) 2 011 694 44 2	1 960 764 69 3	(D) 1 444 622 57 3	673 339 33
Alfalfa hay farms acres tons, dry Irrigated farms acres	8 671 168 984 458 693 5	129 2 305 6 417	1 181 21 714 61 579 1	2 331 42 015 112 324 1 (D)	2 399 46 805 128 529 2 (D)	1 815 37 036 99 416 1 (D)	816 19 109 50 428

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

					Farming			
Item	Total ferming				Age of ope	rator (years)		
	and other occupations	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED—Con.								
Vegetebles harvested for sale (see text) farms acres	64 11	58 11	1	8	15	16	14	4
Irngatedfarms acres	2 80	1 42	-	- 4	1 10	7	8	13
Farms by acres harvested: 0.1 to 4.9 acres	104 13	65 9	-	2	5	3	32	22
25.0 to 99.9 acres	10 30	9 21	- 1	(D) 5	(D) 5	(D)	(D) 4	4
250.0 ecres or more	236	233	(D)	(D)	108	1	2	3
Land in orchards farms acres	21 1	17 1	-	1 -	3 -	2	5	6
Irngated farms acres	458	232	1	29	32	48	57	65
Farms by bearing end nonbearing acres: 0.1 to 4.9 ecres 5.0 to 24.9 acres	2 488 11 270 927	1 755 9 135 223	(D) (D)	(D) (D)	211 2 394 655	476 1 340 472	545 3 098 660	351 1 593 962
25.0 to 99.9 acres	77 29 18 728	34 20 17 565	-	(Z) 245	7 2 7 955	10 2 2 735	5 11 150	6 480

Table 50. Summary by Age and Principal Occupation of Operator: 1987-Con.

	Other occupations								
Item				retor (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over		
CROPS HARVESTED—Con.									
Vegetables harvested for sele (see text) ferms	6	-	3	1	2	-	-		
Irrigeted farms	1	[]		- 1	1		_		
ecres_	38	1	1	14	12	3	7		
Farms by acres harvested:	{				_		_		
0.1 to 4.9 scres	40	(D)	(D)	(D)	7	2	5		
5.0 to 24.9 acres	41	-	(0)	(D)	(D)	-	_		
25.0 to 99.9 acres	6	<u>-</u> 1	(0)	(D) 2	(0)				
250.0 ecres or more	3			(D)	(D)		_		
250.0 80/65 0/ 1110/6	Ĭ	_	_	(5)	(0)				
Land in orchards farms	4	- 1	-	-	2	2	-		
ecres	-	-	-	-	-	-	-		
Irrigated farms	-	- 1	-	-	-	. . .			
acres	226	1	22	49	79	49	26		
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	733	(D) (D)	(D) (D)	101	329	202 484 103	54 83 663		
5.0 to 24.9 ecres	2 135 704 43	(0)	(0)	693 070 13	769 618	404 103	63 003		
25.0 to 99.9 acres	43		0 1	13	· · · · · · · · · · · · · · · · · · ·	9			
250.0 scres or more	1 163		72	11	206	450	424		

¹Data ere based on a sample of farms.
²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 51. Summary by Size of Farm: 1987

[For meaning of abbreviations and symbols, see introducto	iy toxtj					
item	Total	1 to 9 acres	10 to 49 acres	50 to 69 ecres	70 to 99	100 to 139 acras
FARMS AND LAND IN FARMS						
Farms number percent acres Land in farms acres Average size of farm acres	105 180	7 974	10 981	2 901	6 981	7 168
	100.0	7.6	10.4	2.8	6.6	6.8
	31 638 130	23 461	282 586	170 098	567 963	840 781
	301	3	26	59	81	117
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD						
Total sales (see text)	105 180	7 974	10 981	2 901	6 981	7 168
	8 926 799	298 772	260 825	51 610	149 945	203 563
	84 872	37 468	23 752	17 790	21 479	28 399
Farms by value of sales: Less than \$1,000 (see text). \$1,000 to \$2,499 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999	3 782	844	1 922	218	244	186
	5 017	1 427	2 369	311	386	241
	5 498	1 015	2 262	472	701	433
	8 252	1 043	1 979	801	1 665	1 070
	12 427	1 100	972	632	2 510	2 305
\$20,000 to \$24,999	5 009	308	263	95	358	815
\$25,000 to \$39,999	11 756	625	355	161	433	938
\$40,000 to \$49,999	5 996	249	166	49	154	269
\$50,000 to \$99,999	20 656	674	334	104	308	626
\$100,000 to \$249,999	20 200	486	197	40	181	236
\$250,000 to \$499,999	4 957	137	93	12	27	39
\$500,000 to \$999,999	1 220	50	46	4	10	7
\$1,000,000 or more	410	16	23	2	4	3
Grains :	81 042	499	4 566	1 717	5 198	5 509
	3 563 323	561	14 530	11 151	46 548	65 708
	23 982	-	-	-	-	1
	2 507 136	-	-	-	-	(D)
Corn for grain farms	72 356	305	3 162	1 391	4 521	4 843
	1 961 527	287	7 757	6 105	25 381	36 438
	1 188	1	30	21	38	52
	2 726	(D)	(D)	32	44	82
	68 166	205	2 393	1 129	3 850	4 207
\$1,000 Sorghum for grain farms	1 573 168	262	6 470	4 836 1	20 592	28 414 3 3
\$1,000 \$1,000	477 81 116 11 842 19 604 677 5 705	35) 10 4 (D)	(D) 6 (D) 352 238 21 34	(D) 1 (D) 150 140 12 (D)	5 3 495 448 21 80	669 27 94
Cotton and cottonseed	-	- - -	-	-	- - -	- - -
Tobacco	-	<u>-</u> 	-	-	-	-
Hay, silage, and field seeds	12 947 46 480 30 3 365	140 69 -	1 343 1 343 - -	357 547 - -	833 1 697 - -	971 2 222 - -
Vegetables, sweet corn, and melons farms	596	88	166	29	48	37
\$1,000	7 541	173	973	(D)	545	294
Sales of \$50,000 or more farms	30	-	1	2	2	1
\$1,000	4 384	-	(D)	(D)	(D)	(D)
Fruits, nuts, and berries	371	51	143	23	32	35
	2 853	86	1 049	310	506	157
	13	-	3	1	3	1
	1 390	-	295	(D)	393	(D)
Nursery and greenhouse crops	357 38 241	145 14 058 51	113 9 991 32	10 166 2	25 1 077 5	18 970 6
\$1,000 Other crops farms	35 714 99	12 839	9 182	(D)	902	875 10 20
\$1,000 Sales of \$50,000 or more farms \$1,000	1 678 7 1 259	9 - -	80 - -	(D) - -	18	-
Poultry and poultry products	3 643	494	567	112	272	302
	192 229	29 679	27 974	4 885	9 135	6 422
	426	89	62	8	34	15
	186 495	28 893	27 257	4 755	8 747	5 953
Dairy products	7 048	318	258	111	311	567
	392 284	10 304	5 935	2 363	7 883	19 040
	3 165	58	29	10	29	119
	294 998	4 899	2 154	640	2 383	8 889
Cattle and calves	50 509	3 193	3 663	1 207	2 670	3 373
	2 124 641	59 129	79 485	10 147	23 550	35 317
	7 178	199	60	22	58	89
	1 590 392	36 169	60 422	2 544	6 134	8 676

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introdu	uctory text]		1		· - 1		
Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARMS AND LAND IN FARMS							
Farmsnumber percent Land in farmsacres Average size of farmacres	10 506 10.0 1 661 495 158	6 574 6.3 1 298 012 197	7 119 6.8 1 692 823 238	25 378 24.1 9 225 178 364	15 874 15.1 10 707 195 675	3 401 3.2 4 290 322 1 261	323 .3 878 216 2 719
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD							
Total salas (see text)	10 506 434 118 41 321	6 574 351 784 53 511	7 119 473 331 66 488	25 378 2 504 995 98 707	15 874 2 826 801 178 077	3 401 1 162 671 341 861	323 208 384 645 151
Farms by value of sales: Less than \$1,000 (see text). \$1,000 to \$2,499 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999	135 117 285 787 2 168	75 55 129 348 1 013	39 31 69 221 666	97 73 121 287 934	19 6 11 45 116	3 1 - 4 11	- - - 2
\$20,000 to \$24,999 \$25,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999	1 391 2 669 683 1 413 775	602 1 656 595 1 286 731	436 1 665 971 1 807 1 051	660 2 847 2 484 9 915 6 671	74 393 356 3 982 8 280	7 13 18 194 1 498	1 2 13 54
\$250,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 or more	62 15 6	68 13 3	128 25 10	1 059 180 50	2 028 447 117	1 178 345 129	126 78 47
Grains	8 925 155 639 37 (D)	5 566 112 116 105 5 971	6 357 165 821 413 23 971	23 684 1 006 917 8 760 609 349	15 389 1 316 397 11 431 1 208 539	3 322 563 667 2 955 553 526	310 104 269 280 103 604
Corn for grain farms \$1,000 Wheat \$1,000 \$1,000 \$1,000 \$1,000 farms \$1,000 \$1,000 \$1,000 \$1,000 \$1,000	7 987 82 916 77 120 7 264 70 880	4 982 61 303 56 89 4 498 49 298	5 706 89 040 87 123 5 421 75 022	21 629 538 272 334 657 21 273 459 822	14 416 728 244 346 854 14 456 579 593	3 129 322 671 128 480 3 176 237 500	285 63 112 18 (D) 294 40 478
Sorghum for grain farms \$1,000 farms \$1,000 \$1,000 Oats farms \$1,000 farms Other grains \$1,000	4 15 10 13 1 332 1 536 48 158	6 34 7 4 930 1 184 36 204	5 12 7 10 1 028 1 436 36 176	17 67 30 56 3 974 6 680 205 1 363	9 60 6 8 2 370 5 475 184 2 162	8 249 3 9 435 1 598 70 1 160	1 (D) - 29 190 13 297
Cotton and cottonseed	- - -		-	- - -	- - - -	- - -	-
Tobacco	-	-	-	- - -	-	-	:
Hay, silage, and field seeds	1 279 3 791 - -	893 2 803 - -	951 3 217 - -	3 435 13 453 8 627	2 199 11 387 10 820	492 4 062 7 500	54 1 888 5 1 418
Vegetables, sweet corn, and melons farms \$1,000 Sales of \$50,000 or more farms	33 225 -	18 522 2	25 347 3	76 1 254 5	57 1 674 10	18 (D) 4	(D)
\$1,000 Fruits, nuts, and berries farms	19	(D) 14	206 12	692 26	1 255	1 176	2
\$1,000 Sales of \$50,000 or more farms \$1,000	133 1 (D)	221 2 (D)	97 1 (D)	215 1 (D)	42 - -	(D) - -	(D) - -
Nursery and greenhouse crops farms	7 420	7 496	3 170	19 2 897	7 1 411	3 6 587	-
Sales of \$50,000 or more farms \$1,000	1 (D)	449	1 (D)	5 2 831	3 1 391	1 (D)	-
Other crops	10 31 - -	4 57 1 (D)	6 31 - -	10 167 1 (D)	10 626 2 (D)	2 (D) 2 (D)	1 (D) 1 (D)
Poultry and poultry products farms \$1,000 Sales of \$50,000 or more farms \$1,000	369 8 285 27 7 669	205 17 597 20 17 290	229 8 657 23 8 191	747 56 102 91 54 817	300 16 877 43 16 347	43 5 658 12 (D)	3 957 2 (D)
Dairy products	1 000 45 337 380	783 39 893 344	706 39 095 336	2 116 143 031 1 250	771 67 348 535	102 11 448 70	5 607 5 607
\$1,000 Cattle and calves	28 871 4 818 78 177 238 33 763	27 771 3 526 61 484 211 23 561	28 893 3 707 97 585 368 54 907	118 722 13 459 516 961 2 111 343 667	8 772 735 408 2 713 615 143	10 501 1 930 351 106 979 330 660	191 76 292 130 74 746

Table 51. Summary by Size of Farm: 1987—Con.

(For meaning of abbreviations and symbols, see introductor	y text)			· · · · · · · · · · · · · · · · · · ·		
item						
	Total	1 to 9 ecres	10 to 48 acres	50 to 89 acres	70 to 99 acres	100 to 139 acres
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.						
Fotal safes (see text) — Con. Hogs and pigs	38 638	3 841	2 295	554	1 475	1 902
\$1,000 Sales of \$50,000 or more ferms	2 494 231 15 528	171 091 906	108 445 440	20 676 99	57 248 300	70 516 397
\$1,000	2 058 777	130 476	87 195	14 926	40 512	46 55
Sheep, lambs, and woolfarms \$1,000	8 922 46 157	1 093 9 511	1 378 6 017	292 708	512 1 152	58: 2 26:
Sales of \$50,000 or more farms \$1,000	77 21 114	6 6 884	2 830	=	(D)	(D
Other livestock and livestock products	0.447	250	000		045	24
(see text) farms \$1,000 Sales of \$50,000 or more ferms	3 417 17 139 60	653 4 103 13	838 4 002 20	148 362	245 586 2	63
\$1,000	8 848	1 634	2 050	-	(D)	200
FARM PRODUCTION EXPENSES1						
Fotal farm production expenses farms \$1,000	105 184 6 647 645	7 673 199 225	11 095 229 216	2 799 39 459	7 071 114 592	7 400 159 57
Average per farmdollars	63 200	25 964	20 659	14 098	16 206	21 54
Livestock and poultry purchased farms \$1,000	46 066 1 358 161	4 315 67 299	4 083 72 328	938 6 683	2 023 15 125	2 456 23 28
Farms with expenses of — \$1 to \$4,999	20 895	2 558	2 834	642	1 263	1 44
\$5,000 to \$24,999 \$25,000 to \$99,999	14 932 7 811	1 222 437	888 306	250 39 7	604 148 8	78: 22: 1:
\$100,000 or more	2 428 64 752	98 5 849	55 5 955	1 508	3 104	3 87
Feed for livestock and poultry ferms_ \$1,000 Farms with expenses of —	1 101 866	66 681	67 399	7 515	24 517	30 93
\$1 to \$4,999 \$5,000 to \$24,999	31 369 22 076	3 792 1 500	4 616 900	1 167 301	2 266 660	2 54 1 10
\$25,000 to \$99,999 \$100,000 or more	9 846 1 461	464 93	326 113	32 8	152 26	19 3
Commercially mixed formula feeds farms \$1,000	33 282 475 104	3 082 33 880	2 729 30 614	810 3 146	1 501 13 372	1 83 15 67
Farms with expenses of— \$1 to \$4,999	17 634	2 142	2 097	651	1 165	1 18
\$5,000 to \$24,999 \$25,000 to \$79,999	11 352 3 545	654 223	443 116	137	255 58	57 6
\$80,000 or more	751	63	73	2	23	1/
Seeds, buibs, plants, and trees farms \$1,000	88 807 308 197	1 193 942	5 879 2 614	2 038 1 255	5 907 4 918	6 56 7 17
Farms with expenses of — \$1 to \$999	23 074	1 138	5 712	1 730 308	3 978 1 924	3 30 3 24
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	45 976 19 426 331	27 22 6	142 21 4		5	1
Commercial fertilizer farms	83 067	666	4 715	1 728	5 320	5 94
Farms with expenses of —	467 355	605	2 557	1 485	6 607	9 54
\$1 to \$4,999 \$5,000 to \$24,999	51 929 29 100	649	4 710 4	1 728	5 253 67	5 76 18
\$25,000 to \$49,999 \$50,000 or more	1 788 250	8 2	1 -	-	Ξ	
Agricultural chemicals farms \$1,000	86 631 309 894	1 981 671	5 831 2 058	1 949 1 158	5 558 4 592	6 11 6 74
Farms with expenses of — \$1 to \$4,999	66 563	1 980	5 822	1 945	5 528	6 07
\$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	19 490 514 64	1 -	9	4 -	30	3
Petroleum products	100 939	6 435	9 721	2 698	6 775	7 18
Farms with expenses of —	315 061	7 562	7 136	2 056	6 354	8 89
\$1 to \$4,999 \$5,000 to \$24,999	81 446 19 169	6 205 216	9 566 139	2 683 13	6 713 59	7 09 9
\$25,000 to \$49,999 \$50,000 or more	274 50	12 2	10 6	2 -	3 -	
Gasoline and gasoholfarms	87 982	5 584	8 527	2 275	5 799 3 363	6 20 4 47
\$1,000 Diese! fuelfarms	105 047 73 400	3 458 1 971	3 848 3 001	1 188 1 177 417	3 363 3 710 1 641	4 47 4 34 2 61
\$1,000 Natural gas farms \$1,000	136 878 5 064 6 637	1 575 216 607	1 268 211 276	74 93	229 127	28 13
LP gas, fuel oil, kerosene, motor oil, grease, etctarms	86 862	4 062	5 101	1 699	4 868	5 81
\$1,000	66 500	1 923	1 745	358	1 223	1 666

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introduct	tory text]						
Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.							
Total seles (see text) – Con. Hogs and pigs farms	3 232	2 390	2 871	11 239	7 262	1 475	102
\$1,000 Sales of \$50,000 or more farms \$1,000	136 950 900 93 446	114 152 774 83 235	156 083 1 069 119 878	751 392 5 244 616 037	667 221 4 263 597 063	215 714 1 055 206 098	23 743 81 23 354
Sheep, lembs, and wool farms. \$1,000 Sales of \$50,000 or more farms. \$1,000	789 4 008 5 1 968	491 2 143 4 949	512 1 726 3 196	1 932 10 494 21 4 364	1 131 6 570 17 2 444	209 1 517 3 594	18 44 - -
Other livestock and livestock products (see text)	210 1 122	114 301	153 503	442 2 112	282 1 838	76 1 219	7 360
Sales of \$50,000 or more ferms_ \$1,000_	792	(D)	1 (D)	1 389	1 010	1 219 3 1 037	1 (D)
FARM PRODUCTION EXPENSES							
Total farm production expenses	10 502 319 218 30 396	6 581 261 111 39 677	7 272 357 923 49 219	25 485 1 846 266 72 445	15 582 2 070 574 132 882	3 395 888 187 261 616	323 162 300 502 476
Livestock and poultry purchased farms \$1,000	3 765 51 259	2 583 39 744	3 432 63 993	12 380 333 206	8 123 426 961	1 787 214 460	181 43 821
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	2 070 1 200 432 63	1 200 959 381 43	1 482 1 355 514 81	4 689 4 413 2 678 600	2 395 2 680 2 103 945	297 551 496 443	23 41 51 66
Feed for livestock and poultry farms	5 453	3 918	4 678	17 064	10 854	2 280	211
\$1,000 Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999	57 015 3 036 1 848	50 181 1 914 1 502	67 282 2 084 1 797	321 553 6 227 7 347	286 481 3 153 4 270	106 562 530 776	15 747 38 66 60
\$25,000 to \$99,999 \$100,000 or more	530 39	473 29	740 57	3 170 320	2 987 444	719 255	47
Commercially mixed formula feeds farms \$1,000	2 933 26 794	2 053 24 550	2 490 28 671	8 814 140 607	5 701 113 031	1 231 40 127	100 4 643
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$79,999 \$80,000 or more	1 745 1 016 145 27	1 080 822 127 24	1 267 975 220 28	3 955 3 561 1 138 160	1 945 2 443 1 107 206	385 441 293 112	21 33 31 15
Seeds, bulbs, plants, and trees farms \$1,000	9 822 15 780	6 244 12 057	7 050 17 170	24 954 92 196	15 465 103 804	3 370 42 848	319 7 435
Farms with expenses of - \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	2 822 6 936 64	1 322 4 771 151	1 017 5 693 340	1 720 17 425 5 796 13	287 5 103 10 032 43	35 369 2 820 146	4 31 165 119
Commercial fertilizer	9 132 20 461	5 940 16 850	6 687 24 200	24 100 138 796	15 174 165 720	3 342 68 192	317 12 339
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	8 516 616 -	5 048 892 - -	5 006 1 681 - -	12 232 11 799 68	2 833 11 577 728 36	174 2 167 869 132	14 110 114 79
Agricultural chemicalsfarms	9 360	5 991	6 807	24 226	15 174 108 641	3 332 45 589	309 8 298
\$1,000_ Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	9 205 155 -	11 336 5 736 255	16 206 6 240 567 -	89 613 17 999 6 223 4	5 540 9 485 143 6	458 2 583 268 23	31 144 99 35
Petroleum products farms \$1,000	10 137 17 750	6 437 13 949	7 168 19 213	25 207 92 851	15 484 96 796	3 372 36 324	320 6 178
Farms with expenses of — \$1 to \$4,999	9 865 268 2	6 033 403 1	6 472 693 3	19 813 5 380 8 6	6 543 8 878 56 7	439 2 807 119 7	23 220 57 20
Gesoline and gasohol farms \$1,000	8 789 8 234	5 828 6 146	6 230 7 469	21 884 30 216	13 618 26 189	2 954 8 876	294 1 584
Diesel fuelfarms \$1,000	7 350 5 808	4 915 4 849	6 116 7 398 387	22 645 40 802 1 631	14 652 48 221 1 081	3 213 19 060 351	301 3 229 31
Netural gas farms	372 194	199 210	361	2 028	1 730	736 3 349	137
grease, etcfarms \$1,000	9 061 3 515	5 868 2 745	6 845 3 985	24 560 19 806	15 312 20 656	7 651	1 227

Table 51. Summary by Size of Farm: 1987—Con.

[For meening of abbreviations and symbols, see introductor	y text)					
Item						
	Totel	1 to 9 acres	10 to 49 ecres	50 to 89 ecres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES¹ —Con.						
Total farm production expenses — Con. Electricity	90 255	5 840	7 676	1 919	5 215	5 926
\$1,000 Farms with expenses of— \$1 to \$999	126 591 47 918	5 035 4 482	5 251 6 658	1 279 1 620	3 347 4 300	4 717 4 514
\$1,00 to \$4,999	39 358	1 258	902	281	897	1 368
\$5,000 to \$24,999	2 896	86	103	17	13	42
\$25,000 or more	83	14	13	1	5	2
Hired farm leborfarms	49 121	2 092	2 673	837	2 115	2 709
\$1,000	282 515	9 069	12 999	1 702	3 270	3 809
Ferms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	37 600 8 880	1 842 154	2 376 173	792 24	2 023 75	2 566 122
\$25,000 to \$99,999 \$100,000 or more	2 443 198	82 14	94 30	19	12	20
Contract lebor	8 078	362	612	188	394	346
	21 032	795	1 456	285	735	492
\$1 to \$999	3 846	237	468	131	254	213
\$1,000 to \$4,999	3 123	94	103	46	110	119
\$5,000 to \$24,999	1 032	27	35	10	20	13
\$25,000 or more	77	4	6		10	1
Repair end maintenencefarms	91 920	5 620	8 002	2 164	5 493	6 242
\$1,000	407 270	8 943	10 741	2 692	8 710	12 65 0
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	63 247 27 602	5 188 415	7 850 327	2 093 68	5 240 247	5 6 97 540
\$25,000 to \$49,999 \$50,000 or more	905 166	13	16 9	2	4 2	4
Customwork, machine hire, and rental of machinery and equipment farms	57 354	2 160	4 267	1 364	3 625	4 071
	133 395	1 636	2 565	1 302	4 304	5 838
Farms with expenses of — \$1 to \$999	25 122	1 721	3 621	980	2 050	2 079
\$1,000 to \$4,999	25 700	402	621	375	1 492	1 839
\$5,000 to \$24,999	6 238	36	21	9	83	151
\$25,000 or more	294	1	4	-	-	2
Interest expensefarms	67 262	3 506	4 756	1 322	3 457	4 003
	579 338	7 654	13 168	3 781	10 053	13 049
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	37 493	3 167	4 197	1 061	2 798	3 238
	24 442	308	515	256	649	734
\$25,000 to \$99,999 \$100,000 or more	5 121 206	31	41	5	9	31
Secured by real estatefarms	44 371	2 180	3 336	849	2 320	2 561
\$1,000	390 226	3 913	8 672	2 844	7 393	9 086
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999	6 684 16 369	1 185 840	978 2 050	143 512	620 1 204	684 1 286
\$5,000 to \$24,999	17 889 3 429	147	290 20	190	493	588 3
Not secured by real estateferms	41 208	1 962	2 435	733	1 840	2 205
\$1,000	189 113	3 741	4 496	937	2 660	3 963
Ferms with expenses of — \$1 to \$999	13 476	1 189	1 540	463	1 105	1 176
\$1,000 to \$4,999	16 684	634	741	238	633	858
\$5,000 to \$24,999	10 034	143	131	31	99	161
\$25,000 or more	1 034	16	23	1	3	10
Cesh rentferms	41 375	450	1 297	709	1 382	1 913
\$1,000	492 800	870	2 615	1 465	4 529	8 177
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	15 835	428	1 261	625	956	1 209
	8 884	5	15	84	414	556
\$10,000 to \$24,999 \$25,000 or more	11 593 5 263	10	17 4	=	10 2	144
Property taxes	87 431	7 006	9 687	2 253	5 943	5 980
	230 810	3 623	7 609	2 310	7 448	9 404
\$1 to \$4,999	75 206	6 926	9 836	2 238	5 901	5 926
\$5,000 to \$9,999	9 596	65	42	14	40	50
\$10,000 to \$24,999 \$25,000 or more	2 474 155	14	9 -	1	2 -	4 -
All other farm production expenses ferms	101 919	6 980	9 673	2 556	6 694	7 200
\$1,000	513 358	17 739	18 720	4 490	10 083	14 871
\$1 to \$4,999	73 591	6 325	9 236	2 449	6 353	6 577
\$5,000 to \$24,999	25 444	565	353		327	589
\$25,000 to \$49,999 \$50,000 or more	2 166 718	63 27	39 45	4	9 5	24 10

Table 51. Summary by Size of Farm: 1987—Con.

Item	4	400 1 0					
	140 to 179 ecres	180 to 219 acres	220 to 259 ecres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres o
FARM PRODUCTION EXPENSES ¹ —Con.							
Total farm production expenses – Con. Electricity ————————————————————————————————————	8 904	5 846	6 608	23 726	14 982	3 302	31
Ferms with expenses of	8 314 5 915	7 005	8 387	37 406	32 847	11 281	1 72
\$1 to \$999	2 943 44 2	3 373 2 391 81 1	3 451 3 088 68 1	9 533 13 481 699 13	3 624 10 339 1 005 14	408 2 251 631 12	4 15 10
Hired farm lebor ferms \$1,000	4 092 7 721	3 039 8 413	3 477 9 627	14 309 62 419	10 741 90 619	2 747 59 291	29 13 57
Farms with expenses of — \$1 to \$4,999	3 784	2 700	2 963	11 198	6 576	750	.3
\$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	272 34 2	308 29 2	460 49 5	2 687 402 22	3 265 857 43	1 234 724 39	10 12 3
Contract leborfarms \$1,000	660 866	427 642	475 968	2 171 5 159	1 779 6 140	593 2 935	7 56
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999	467	256	241	977	475	120	
\$5,000 to \$4,999 \$5,000 or more	153 40 -	149 21 1	176 56 2	964 214 16	924 363 17	261 197 15	2. 3.
Repeir end maintenancefarms \$1,000	9 238 25 009	5 920 18 976	6 717 24 795	23 945 120 389	14 932 122 926	3 328 44 658	31: 6 78:
Ferms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	7 852 1 365	4 683 1 228	4 993 1 712	14 437 9 391	4 888 9 651	479 2 486	4 17
\$25,000 to \$49,999 \$50,000 or more	18	7	11	103 14	340 53	315 48	7: 29
Customwork, mechine hire, and rental of mechinery and equipment	6 224 11 900	4 055 8 577	4 458 9 079	15 289 38 883	9 602 35 353	2 036 11 705	20: 2 25:
Farms with expenses of— \$1 to \$999	2 621	1 578	1 837	5 654	2 599	363	2 25:
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	3 096 499 8	2 111 366 -	2 252 367 2	7 427 2 182 26	4 980 1 864 159	1 021 580 72	8- 8- 2-
Interest expense farms \$1,000	5 926 24 679	4 138 20 335	4 781 29 132	18 882 158 287	13 182 198 581	3 013 84 625	29 15 99
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	4 196 1 693	2 679 1 405	2 890 1 768	8 867 8 900	3 864 6 803	514 1 307	2 10
\$25,000 to \$99,999 \$100,000 or more	36 1	54	123	1 106	2 462 53	1 099	12: 4:
Secured by reel estateferms \$1,000	3 584 17 497	2 558 12 960	2 939 19 830	12 084 106 991	9 427 135 124	2 297 55 176	23 10 74
Farms with expenses of — \$1 to \$999	623	456	423	1 033	452	86	
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	1 688 1 257 16	1 117 957 28	1 137 1 293 86	4 056 6 307 688	2 112 5 209 1 654	340 1 079 792	2 79 12
Not secured by reel estate ferms \$1,000	3 698 7 182	2 585 7 375	3 013 9 302	12 045 51 296	8 443 63 457	2 049 29 449	200 5 254
Farms with expenses of — \$1 to \$999	1 633	958	1 037	3 059	1 179	154	;
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	1 766 296 3	1 223 393 11	1 392 571 13	5 492 3 353 141	3 185 3 683 396	481 1 066 348	2 10 6
Cash rentfarms	3 174 19 110	2 354 15 118	2 824 22 822	13 625 143 453	10 832 184 012	2 570 77 262	24 13 46
Farms with expenses of — \$1 to \$4,999	1 569	1 143	1 157	4 422	2 654	388	
\$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	871 710 24	635 549 27	677 985 25	3 184 4 875 1 144	1 911 3 533 2 734	306 724 1 152	2 2 5 13
Property taxesfarms \$1,000	8 204 16 091	5 301 12 202	5 677 15 369	20 655 66 774	13 363 63 515	3 061 22 106	30 4 35
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	8 063 125	5 022 250	5 113 549	16 698 3 666	8 188 3 858	1 402 875	9:
\$10,000 to \$24,999 \$25,000 or more	16	27 27 2	15	286	1 294 23	709 75	6: 9: 4!
All other farm production expenses farms \$1,000	10 358 28 273	6 504 25 726	7 243 29 879	25 415 145 281	15 578 148 177	3 395 60 347	32 9 77
Ferms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	8 896 1 415	5 235 1 208	5 491 1 660	16 058 8 748	6 232 8 277	699 2 04 4	40 159
\$25,000 to \$49,999 \$50,000 or more	39	54 7	80	493 116	827 242	464 188	7(54

Table 51. **Summary by Size of Farm: 1987**—Con. [For meaning of abbreviations and symbols see introductory text]

[For meaning of abbreviations and symbols, see introductor	ry text)					
item	Total	1 to 9 ecres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT ¹						
All farms	105 184 2 146 997 20 412	7 673 68 261 8 896	11 095 36 071 3 251	2 799 7 022 2 509	7 071 27 042 3 824	7 406 46 310 6 253
Farms with net gains ² number Average net gaindollars	74 987 31 660	4 450 17 846	4 967 11 548	1 502 8 448	4 198 9 345	4 800 12 420
Gain of — Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or mora	4 767 22 906 33 147 14 167	900 1 990 1 192 368	1 373 2 595 797 202	235 1 041 205 21	409 2 906 790 93	351 2 726 1 546 175
Farms with net lossesnumber_ Average net lossdollars_	30 197 7 521	3 223 3 460	6 128 3 474	1 297 4 369	2 873 4 242	2 606 5 105
Loss of — Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 943 18 984 5 889 381	979 2 054 184 6	1 556 4 274 286 12	193 1 033 71 -	517 2 124 231 1	363 1 945 286 10
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME	75 203	938	2 599	1 332	4 364	4 847
Government paymentsfarms	1 153 713 30 370 132 008	3 596 1 526 7 862	4 691 2 501 10 406	3 609 589 2 227	16 348 1 547 6 677	24 375 1 817 6 320
Customwork and other agricultural services	15 001 61 977	378 1 199	553 1 035	205 607	503 1 605	621 1 678
Gross cash rent or share paymentsfarms	8 633 58 000 710 1 876 11 908	946 6 485 39 32 341	1 586 8 749 76 219 535	302 1 581 - 149	701 4 726 80 108 533	777 4 229 57 87 628
\$1,000 COMMODITY CREDIT CORPORATION LOANS	10 156	146	403	38	238	329
Total	51 178 1 598 775 50 551	1 221 13	766 2 287 739	526 2 376 511	2 183 13 425 2 128	2 522 21 201 2 481
\$1,000 Wheat	1 298 123 61 127 14 094 298 747	12 - - 1 (D)	1 987 1 (D) 74 (D)	2 049 - - 77 (D)	11 698 1 (D) 369 1 722	18 357 (D 450 2 841
Sorghum, barley, and oatsfarms \$1,000	86 190	-	-	-	4 (D)	(D
Cotton farms \$1,000 Peanuts, rye, rice, tobacco, and honey farms \$1,000	70 1 587	53 (D)	- 8 76	- 2 (D)	- 1 (D)	1 (D
LAND IN FARMS ACCORDING TO USE						
Total cropland farms acres	96 749 27 290 868	1 947 7 618	9 278 181 989	2 740 122 890	6 794 449 455	7 013 678 438
Harvested cropland farms acres Farms by acres harvested: 1 to 49 acres	92 878 20 484 178 17 548	1 373 4 938 1 373	7 873 126 800 7 873	2 463 84 171 1 843	6 397 324 340 2 549	6 699 479 587 1 568
50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	13 956 23 454 29 005 7 723 1 114 78		-	620 - - - -	3 848	3 952 1 179
Cropland: Pasture or grazing only	36 766 2 283 547	661 2 250	3 084 37 686	862 19 628	2 010 50 471	2 590 84 836
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured farms	27 088	67	918	498	1 675	1 693
On which all crops failed farms acres	1 670 711 1 640 45 013	178 27 54	7 519 132 870	7 772 58 742	30 921 126 2 016	48 169 127 1 714 81
In cultivated summer fallow farms acres acres acres acres.	45 160 42 114 2 762 259	4 7 70 191	288 1 063 8 826	27 451 699 10 126	48 918 2 376 40 789	2 212 2 611 61 920
Total woodland farms acres. Woodland pastured farms	24 782 1 316 448 14 393	252 667 140	2 181 24 090 1 153	867 18 878 464	1 640 40 799 899	2 063 63 793 1 162
Woodland not pastured	774 976 14 477 541 472	372 130 295	13 308 1 207 10 782	9 483 521 9 395	21 804 945 18 995	36 417 1 165 27 376

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introduc	tory text]					Т	
Itam	140 to 179	180 to 219	220 to 259	260 to 499	500 to 999	1,000 to 1,999	2,000 acres o
NET CASH RETURN FROM	acres	acres	acres	acres	acres	ecres	more
AGRICULTURAL SALES FOR THE FARM UNIT							
All farmanumber \$1,000 Average per farmdollers	10 502 101 636 9 678	6 581 84 860 12 895	7 272 130 660 17 968	25 485 649 236 25 475	15 582 692 083 44 416	3 395 257 730 75 915	32: 46 08: 142 67:
Farms with net gains²number Average net gaindollers	7 581 15 742	4 724 20 761	5 639 25 539	20 822 33 835	13 125 56 233	2 888 95 084	29 162 13
Gain of— Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	528 3 199 3 487 367	198 1 671 2 454 401	166 1 455 3 378 640	392 3 862 12 464 4 104	193 1 311 5 922 5 699	18 127 851 1 892	2 6 20
Farms with nat lossesnumber Avaraga net lossdollars	2 921 6 062	1 857 7 116	1 633 8 179	4 663 11 855	2 457 18 712	507 33 280	34 34 32
Loss of— Lass than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or mora	359 2 020 542	219 1 211 419 8	163 1 018 445 7	453 2 278 1 862 70	133 912 1 257 155	8 105 290 104	10 1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments	8 195 55 181 2 679 10 063	5 239 42 361 1 776 6 694	6 066 58 592 2 130 8 842	23 030 342 196 8 673 32 427	15 066 417 893 5 838 30 280	3 231 160 503 1 201 8 824	296 24 363 93 1 383
Customwork and other agricultural services	1 084 3 775	828 2 740	1 086 4 143	5 002 19 050	3 876 19 731	809 5 704	56 709
Gross cash rent or share payments ferms \$1,000 Forast products and Christmas trees farms \$1,000 Other farm-releted income sources farms	701 5 369 59 334 1 238	437 3 198 81 142 815	473 4 113 38 30 995	1 573 9 989 120 174 3 811	888 6 954 123 498 2 331	224 2 125 31 199 499	2 48 5 3
\$1,000 COMMODITY CREDIT CORPORATION LOANS	585	614	557	3 213	3 097	796	14:
Total farms	4 928 56 475	3 345 45 174	4 095 68 070	17 526 451 618	12 373 627 002	2 621 261 242	22 48 68
Corn farms \$1,000	4 847 47 019	3 309 38 024	4 043 56 769	17 361 370 354	12 291 504 019	2 601 208 876	22° 38 95°
Wheat	3	2	6 (D)	21 (D)	18	6	(C
Soybeans farms \$1,000_	(D) 1 067 9 418	(D) 727 7 142	1 014 11 267	4 835 81 145	4 349 122 649	1 040 52 293	(e (D)
Sorghum, barley, end oatsfarms	7 3	3 3	11 22	33 74	17 (D)	8 64	(D
Cottonferms \$1,000 Peanuts, rye, rice, tobacco, and honeyferms	- 1	- 1	- 1	- 1	- - 1	-	
\$1,000 LAND IN FARMS ACCORDING TO USE	(D)	(D)	(D)	(D)	(D)	-	
Total cropland farms	10 440	6 516	7 099	25 336	15 866	3 399	32
Harvasted croplend farms acres	1 412 028 10 135 1 044 568	1 090 023 6 344 794 890	1 463 531 6 979 1 091 180	8 041 586 25 092 6 045 183	9 441 073 15 812 7 115 018	3 743 269 3 391 2 862 824	658 96 32 510 67
Farms by acres harvested: 1 to 49 acres	1 001	479	287	481	84	9	
50 to 99 ecres	2 617 6 517	1 082 4 672	680 4 849	981 5 596	155 609	20 28	
200 to 499 acres	-	111	1 183	18 034	9 360	316	2
500 to 999 acres	-	- - -	=	-	5 604 - -	2 073 945 -	41 16: 7
Cropland: Pasture or grazing only farms	3 760	2 621	2 905	10 296	6 487	1 373	11 ⁻ 43 44 ⁻
In cover crops, legumes, and soil-	136 389	117 816	133 975	667 814	718 832	270 407	43 44
improvament grasses, not harvested and not pastured farms	3 003	1 910	2 202	8 286	5 386	1 147	103 28 973
On which all crops failed farms	95 240 177	73 021 126	94 334	510 273 361	566 465 286	207 846	!
acres In cultivated summer fallow farms	3 163 86	2 899 88	2 692 71	9 622 216	13 180 149	7 141	92
Idlefarms acres	2 266 4 509 130 402	2 780 2 702 98 617	3 881 3 407 137 469	12 525 13 140 796 169	15 107 9 205 1 012 471	2 518 2 126 392 533	2 20 20 72 74
Total woodlandfarms	2 302	1 880	1 780	6 460 380 085	4 159	1 074	12- 38 66
Woodland pestured farms_	81 387 1 296	79 251 1 128	76 737 1 039	3 928	359 669 2 504	152 423 608	72
Woodland not pastured farms	45 088 1 358	45 753 1 064	44 353 1 025	235 385 3 755	214 864 2 522	84 957 713	23 192 72 15 477
acres	36 299	33 498	32 384	144 700	144 805	67 466	15 477

Table 51. Summary by Size of Farm: 1987—Con.

14					1	
Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured farms acres	22 415 1 452 248	553 1 919	2 283 30 959	592 13 784	1 381 35 147	1 457 47 655
and in house lots, ponds, roads, wasteland, etc	79 586 1 578 566	7 090 13 257	7 818 45 548	1 854 14 546	4 959 42 562	4 994 50 895
Cropland under federal acreage reduction programs: Annual commodity acreage adjustment programs	69 141	44	1 653	984	3 673	4 166
conservation reserve programfarmsacres	3 560 902 8 050 697 896	50 1 (D)	8 753 204 (D)	8 711 146 3 837	44 003 498 17 135	66 228 551 26 383
Value of land and buildings1	105 184 29 829 901 283 597	7 673 272 887 35 565	11 095 640 643 57 742	2 799 203 793 72 809	7 071 662 361 93 673	7 406 803 895 108 546
Average per acredollars	947	11 592	2 228	1 229	1 149	923
Farms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999	13 227 11 020 9 152 12 468 9 769	5 611 1 215 436 195 68	5 009 3 334 1 433 760 253	856 1 037 441 261 97	789 2 117 2 247 1 270 332	552 1 488 1 385 2 657 799
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or more	31 637 14 045 3 466 380 20	104 27 14 1 2	262 29 14 - 1	84 13 9 1	210 90 16 - -	499 19 7
VALUE OF MACHINERY AND EQUIPMENT1						
Estimated market value of all machinery and equipment farms \$1,000	104 901 5 543 375	7 639 150 363	10 997 170 891	2 787 51 148	7 032 155 790	7 394 197 146
Farms by value group: \$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	6 659 12 872 15 609 28 782 22 911	1 521 2 544 1 428 1 411 468	2 232 4 108 2 218 1 789 450	336 760 834 667 159	812 1 586 1 975 1 914 493	546 1 271 2 042 2 439 834
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	14 193 3 763 112	203 64	176 22 2	28 1 2	234 18	221 41 -
SELECTED MACHINERY AND EQUIPMENT						
Motortrucks, including pickups farms number. Wheel tractors farms number. Less than 40 horsepower (PTO) farms number. 40 horsepower (PTO) or more farms.	93 674 143 433 97 120 302 392 48 200 79 062 85 755	6 290 8 010 5 924 12 256 3 449 4 870 3 958	8 779 11 175 9 378 18 682 5 768 9 060 6 097	2 297 2 952 2 526 5 409 1 372 2 130 1 936	5 669 7 454 6 358 15 402 3 299 5 461 5 180	6 203 8 152 6 850 18 135 3 708 6 086 5 990
number	223 330	7 386	9 622	3 279	9 941	12 049 2 736
Grain and bean combines farms number Cottonpickers and strippers farms number	60 004	1 251	1 673	819 - -	2 467	2 887
Mower conditioners farms number Pickup balers farms	29 756 31 333 40 640	966 1 010 1 330	1 472 1 547 2 331	612 631 897 965	1 486 1 561 2 095 2 260	1 858 1 883 2 830 3 162
AGRICULTURAL CHEMICALS ¹	46 867	1 465	2 521	900	2 200	3 102
Commercial fertilizer	83 051 13 313 702 17 823 1 219 181 2 846 408	660 2 364 53 233 589	4 715 73 731 631 8 878 22 056	1 728 48 830 251 5 711 14 300	5 310 205 154 882 28 765 69 245	5 946 310 634 1 100 37 887 90 914
Sprays, dusts, granules, fumigants, etc., to control— insects on hay and other crops farms acres on which used Nematodes in crops farms	41 361 4 910 343 2 548	313 844 2	2 090 29 748 121	696 16 310 76	2 211 81 516 137	2 579 109 299 173 7 810
acres on which used Diseases in crops and orchardsfarms acres on which used Weeds, grass, or brush in crops and	267 277 1 330 112 420	(D) 66 119	(D) 189 1 780	1 990 29 1 318	4 888 117 5 518	103 4 428
pasture	70 486 14 709 093	574 2 174	4 136 68 200	1 439 46 926	4 357 198 283	4 946 313 431
Chemicals for defoliation or for growth control of crops or thinning of fruit farms	1 066	8	76	41 1 007	90 2 382	117 6 255

Table 51. Summary by Size of Farm: 1987—Con.

[For meening of abbreviations and symbols, see introduc	ctory text]						
ltem	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured farms acres	2 121 72 561	1 465 60 317	1 513 65 520	5 876 351 514	4 071 420 964	953 205 598	150 146 310
Land in house lots, ponds, roads, wasteland, etc. farms acres.	7 833 95 519	4 804 68 421	5 461 87 035	19 478 451 993	12 376 485 489	2 672 189 032	247 34 269
Cropland under federal acreage reduction progrems: Annual commodity acreage adjustment programs farms	7 485	4 833	5 752	22 224	14 843	3 199	285
Conservation reserve programfarms acres	159 698 739 46 570	122 069 524 37 485	177 277 545 41 502	1 069 450 2 235 194 990	1 336 584 1 919 210 286	493 810 602 93 512	74 269 86 23 377
Value of land and buildings¹ farms	10 502 1 627 048 154 927 978	6 581 1 190 512 180 901 914	7 272 1 607 286 221 024 931	25 485 8 569 257 336 247 923	15 582 9 642 501 618 823 921	3 395 3 841 773 1 131 597 901	323 767 945 2 377 539 874
Farms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$149,999	201 879 1 388 2 715 3 007	63 378 673 1 339 1 687	71 237 415 1 255 1 049	75 316 671 1 804 2 131	19 62 205 343	- - 1 7 3	- - - - -
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or more	2 234 70 7 7	2 353 80 8 -	4 120 117 8 -	16 820 3 591 74 2	4 670 8 852 1 414 17	274 1 138 1 773 197 2	7 18 122 162 13
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipmentfarms	10 472 353 669	6 574 266 361	7 252 347 909	25 464 1 651 880	15 573 1 576 073	3 395 546 649	322 75 495
Farms by value group: \$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	468 1 002 2 275 4 367 1 850	176 548 1 358 2 589 1 352	162 324 966 3 005 1 982	341 594 1 967 8 061 9 360	61 130 497 2 334 5 316	3 5 46 188 617	1 -3 18 30
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	460 48 2	486 64 1	740 73 -	4 353 776 12	5 746 1 454 35	1 436 1 067 33	110 135 25
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups farms number. Wheel tractors farms number. Less than 40 horsepower (PTO) farms number. 40 horsepower (PTO) or more farms number.	9 072 11 797 9 777 27 567 4 836 7 746 8 757 19 821	5 918 8 021 6 243 18 794 3 004 4 768 5 707 14 026	6 622 9 139 6 886 22 390 3 363 5 487 6 573 16 903	24 071 36 699 24 385 84 334 11 038 18 560 23 430 65 774	15 091 29 098 15 167 60 932 6 797 11 772 14 684 49 160	3 341 9 557 3 310 16 533 1 442 2 797 3 234 13 736	321 1 379 316 1 958 124 325 309 1 633
Grain and baan combines farmsnumber	4 876 5 111	3 376 3 669	4 439 4 794	18 021 19 080	13 026 14 193	3 023 3 617	289 443
Cottonpickers and strippers farmsnumber Mowar conditioners farms	2 805	2 355	2 421	8 551	- 5 660	1 441	129
Pickup balersnumber number	2 924 4 230 4 643	2 463 3 179 3 679	2 531 3 094 3 576	8 917 11 561 13 501	6 107 7 427 8 999	1 590 1 523 1 905	169 1 43 191
AGRICULTURAL CHEMICALS¹ Commercial fertilizer	9 132	5 940	6 687	24 100	15 174	3 342	317
acres on which used Lime	655 974 1 491 63 108 158 092	509 346 1 210 54 633 131 128	712 164 1 432 79 734 178 856	3 914 598 5 890 402 063 940 787	4 587 819 3 930 391 527 902 523	1 922 625 890 131 619 302 769	370 463 63 15 023 35 149
control— Insects on hay and other crops farms_ acres on which used_ Nematodes in crops farms_	4 160 253 474 273	3 069 207 517 222	3 279 257 920 214	12 329 1 392 159 760	8 466 1 676 643 438	1 955 718 716 121	214 166 197 11
Diseases in crops and orchards farms acres on which used	14 988 182 10 426	18 104 52 3 687	17 684 113 6 270	79 128 237 24 617	76 260 175 30 208	39 458 62 19 997	4 891 5 4 052
Weeds, grass, or brush in crops and pasture	7 799 701 791	4 927 514 608	5 668 747 320	20 508 4 309 801	12 979 5 232 658	2 903 2 190 756	250 383 145
Chemicals for detoliation or for growth control of crops or thinning of fruit farms acres on which used	117 5 854	72 6 039	67 5 627	283 42 161	147 32 111	45 17 384	3 45

Table 51. Summary by Size of Farm: 1987—Con.

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acras
TENURE AND RACE OF OPERATOR						
All operators Full owners Part owners Tanants	105 180 48 226 35 207 21 747	7 974 7 158 143 673	10 981 8 437 1 003 1 541	2 901 1 951 408 542	6 981 4 777 778 1 426	7 168 4 442 1 188 1 538
Whita Full owners Pert owners Tenants	105 058 48 162 35 182 21 712	7 962 7 148 143 671	10 958 8 419 1 000 1 539	2 898 1 948 408 542	6 972 4 771 777 1 424	7 159 4 439 1 188 1 532
Black and other reces Full owners Part owners Tenants	124 64 25 35	12 10 - 2	23 18 3 2	3 3 - -	9 6 1 2	9 3 -
OWNED AND RENTED LAND						
Land owned farms acres Owned land in farms farms acres	84 315 17 021 650 83 433 15 050 360	7 313 458 441 7 301 20 160	9 509 459 375 9 440 226 809	2 382 208 305 2 359 125 246	5 676 561 269 5 555 414 054	5 721 734 496 5 630 583 300
Land ranted or laased from otharsfarms acraa Rentad or leased land in farmsfarms acras	57 231 16 739 305 56 954 16 587 770	892 15 507 816 3 301	2 566 62 073 2 544 55 777	969 48 358 950 44 852	2 233 160 328 2 204 153 909	2 737 267 393 2 726 257 481
Land ranted or leased to others tarms	14 144 2 122 825	2 223 450 487	2 448 238 862	797 86 565	1 272 153 634	1 239 161 108
OPERATOR CHARACTERISTICS	2 122 323	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Operators by place of rasidance: On farm operated Not on farm operated Not raported	78 710 20 505 5 965	5 082 1 919 973	7 741 2 528 712	1 887 817 197	4 323 2 257 401	4 800 1 975 393
Operators by principal occupation: Farming Other	75 279 29 901	3 181 4 793	3 330 7 651	1 175 1 726	3 608 3 373	4 332 2 836
Operators by deys of work off farm: None	51 753 46 229 13 104 7 197 25 928	2 240 5 249 671 565 4 013	2 554 7 876 794 874 6 208	820 1 930 258 248 1 424	2 383 4 122 678 602 2 842	2 880 3 773 705 634 2 434
Not reported	7 198	485	551	151	476	515
Operators by years on present ferm: 2 years or lass	5 787 5 973 13 617 65 721 19.7	884 860 1 558 2 703 12.2	958 935 1 849 5 568 14.7	266 245 448 1 510 16.4 432	529 503 1 058 3 893 18.2	490 497 98 4 215 19.4 98
Operators by age group:				111	224	23.
Under 25 years	2 852 17 458 21 282 10 512 11 232	582 1 946 1 814 734 635	340 1 658 2 489 1 233 1 167	412 529 314 308	1 065 1 148 631 692	1 099 1 24 602 664
55 to 59 years	12 808 12 879 7 848 8 709 49.3	560 604 476 623 44.7	1 097 976 837 1 184 49.4	297 291 272 367 50.7	692 753 713 1 063 51.8	749 890 742 950 51.4
Operators by sex: Mala Famala	101 838 3 342	7 570 404	10 321 660	2 719 182	6 618 363	6 875 293
Oparators of Spanish origin (see taxt)	105	5	12	8	9	•
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) farms acres farms acras farms acras	89 188 25 058 946 11 088 3 802 372	6 623 20 680 1 017 1 966	9 933 254 785 757 20 467	2 573 151 051 255 14 935	6 179 503 189 641 51 849	6 256 734 146 769 89 93
Corporation: farms Family held	4 094 2 568 304 81 4 013	226 530 3 223	146 3 698 1 145	42 2 363 - 42	99 7 962 1 98	86 9 912 85
Other than family hald farms ecres	310 91 558	52 156	75 1 717	10 563	20 1 599	20 2 256
More than 10 stockholders farms 10 or less stockholders farms	34 276	3 49	71	3 7	5 15	18
Other - cooperativa, estata or trust, institutional, atc	500 116 950	56 127	70 1 919	21 1 186	42 3 364	39 4 528

Saa footnotes at and of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductions and symbols are supplied to the symbols and symbols are supplied to the symbols and symbols are supplied to the symbol and symbols are supplied to the symbol and symbol are symbol and symbol are symbol and symbol are symbol and symbol and symbol are symbol and symbol and symbol are symbol and symb	iory text)						
ltern	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
TENURE AND RACE OF OPERATOR							
All operators Full owners Part owners Tenants	10 506 5 829 1 828 2 849	6 574 3 171 1 753 1 650	7 119 3 010 2 214 1 895	25 378 6 875 12 331 6 172	15 874 2 126 10 768 2 980	3 401 404 2 552 445	323 46 241 36
White Full owners Part owners Tenants	10 496 5 821 1 827 2 848	6 566 3 167 1 752 1 647	7 109 3 009 2 210 1 890	25 355 6 866 12 324 6 165	15 859 2 124 10 761 2 974	3 399 404 2 551 444	323 46 241 36
Black and other races Full owners Pert owners Tenents	10 8 1 1	8 4 1 3	10 1 4 5	23 9 7 7	15 2 7 6	2 - 1 1	- - -
OWNED AND RENTED LAND							
Land owned farms acres Owned land in farms acres	7 787 1 199 798 7 657 1 050 529	4 987 879 250 4 924 783 773	5 296 1 072 624 5 224 967 538	19 403 4 743 066 19 206 4 457 785	12 982 4 530 283 12 894 4 323 233	2 969 1 744 660 2 956 1 690 780	290 430 083 287 407 153
Land rented or leased from others farms acres Rented or leased land in farms farms acres	4 707 624 098 4 677 610 966	3 416 523 435 3 403 514 239	4 121 732 177 4 109 725 285	18 541 4 809 734 18 503 4 767 393	13 767 6 406 582 13 748 6 383 962	3 003 2 611 070 2 997 2 599 542	279 478 550 277 471 063
Land rented or leased to others farms acres	1 171 162 401	740 104 673	716 111 978	2 037 327 622	1 193 229 670	264 65 408	47 1 003 44 30 417
OPERATOR CHARACTERISTICS	102 401	104 073	111 370	527 522	223 010	03 400	30 417
Operators by place of residence:							
On farm operated	7 317 2 640 549	4 816 1 413 345	5 485 1 312 322	20 705 3 592 1 081	13 486 1 674 714	2 834 327 240	234 51 38
Operators by pnncipal occupation: Farming Other	7 432 3 074	4 990 1 584	5 851 1 268	22 709 2 669	15 105 769	3 266 135	300 23
Operators by days of work off farm: None	4 865 4 831 1 256 846 2 729	3 294 2 745 832 500 1 413	3 890 2 709 970 559 1 180	15 385 8 203 3 943 1 586 2 674	10 707 4 050 2 527 676 847	2 500 676 439 92 145	235 65 31 15 19
Not reported	810	535	520	1 790	1 117	225	23
Operators by years on present farm: 2 years or less 3 or 4 years 5 to 9 years 10 years or more Average years on present farm	671 680 1 453 6 322 19.9	369 387 897 4 101 20.3	302 387 895 4 713 21.1	933 1 026 2 924 17 833 21.7	331 391 1 321 12 113 22.3	45 55 210 2 535 23.2	9 7 23 211 23.4
Not reported	1 380	820	822	2 662	1 718	556	73
Operators by age group: Under 25 years	351 1 731 1 812 880 929	178 1 113 1 202 571 587	190 1 182 1 294 610 708	459 4 395 4 917 2 403 2 894	170 2 423 3 825 1 988 2 149	16 395 936 495 460	- 39 75 51 39
55 to 59 years 60 to 64 years 65 to 69 years 70 years and over Average age	1 148 1 406 1 050 1 199 50.7	768 866 627 662 50.3	861 1 016 648 610 50.2	3 664 3 646 1 575 1 425 49.1	2 264 1 821 726 508 48.0	464 379 156 100 48.3	44 31 26 18 49.6
Operators by sex: Male Female	10 146 360	6 343 231	6 934 185	24 933 445	15 691 183	3 366 35	322 1
Operators of Spanish origin (see text)	8	3	5	33	13	2	1
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms acres	9 121 1 442 702	5 669 1 119 616	6 148 1 461 911	21 731 7 890 594	12 682 8 471 320	2 129 2 642 502	142 366 448
Partnershipfarms ecres	1 144 180 602	743 146 346	773 184 041	2 609 941 945	1 728 1 185 938	570 741 203	86 243 143
Corporation: Family held	151 23 871	120 23 720	162 38 372	909 346 817	1 402 1 006 880	663 854 189 11	88 249 990 5
More than 10 stockholders farms 10 or less stockholders farms	142	118	158	24 885	1 382	652	83
Other than family held farms_acres_ More than 10 stockholders farms_ 10 or less stockholders farms_	21 3 319 3 18	2 169 - 11	10 2 311 3 7	32 11 769 3 29	31 21 943 2 29	24 32 249 5 19	4 11 505 1 3
Other – cooperative, estate or trust, institutional, etc	69 11 001	31 6 161	26 6 188	97 34 053	31 21 114	15 20 179	3 7 130

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of ebbreviations and symbols, see introdu	uctory text)					
item	Totel	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acrea
FARMS BY SIZE						
1 to 9 acres 10 to 49 acres 50 to 69 acres 70 to 99 ecres	7 974 10 981 2 901 6 981	7 974 - - -	10 981	2 901	- - 6 981	- - - 7 168
100 to 139 ecres 140 to 179 ecres 180 to 219 ecres 220 to 259 ecres 260 to 499 ecres	7 168 10 506 6 574 7 119 25 378 15 874	-	-	-		- - - -
1,000 to 1,999 ecres	3 401 323	-	-	-	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash greins (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; Insh	50 200 1 451 - -	327 60 - -	3 350 681 - -	1 257 113 - -	3 704 183 - -	3 556 132 -
potetoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	1 451	60	681	113	183	132
Vegetables end melons (018)	213 195 278 1 039	50 42 133 32	88 108 94 281	14 17 6 47	22 14 13 88	9 6 11 93
animal specialties (021) Beef cattle, except feedlots (0212)	43 979 10 095	6 322 1 400	5 271 1 980	1 270 575	2 593 1 027	2 786 1 023
Dairy farms (024) Poultry and eggs (025) Animal specialties (027) Ganeral farms, primarily livestock and animal specialtias (029)	4 209 570 1 601	239 186 558 25	189 135 733	81 15 73	205 42 79 38	379 24 63 109
LIVESTOCK	1 445	23	37		30	103
Cattle and calves inventory farms number	49 469 4 303 682	3 123 127 188	3 856 99 82 1	1 207 31 344	2 653 78 638	3 330 128 294
Farms with — 1 to 9 — — — — — — — — — — — — — — — — — —	4 928 19 719 12 289 8 310 3 423 800	1 018 1 397 411 218 66 13	1 535 2 071 192 41 7	245 833 102 24 2	414 1 873 300 54 11	343 2 180 649 137 18 3
Cows and haifars that had calved farms Beef cows	38 373 1 418 633 32 279 1 123 745	1 968 42 176 1 612 33 178	2 632 28 965 2 310 23 347	913 12 438 798 10 093	2 111 33 147 1 803 26 227	2 720 54 900 2 195 39 131
Farms with — 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	5 883 19 651 4 965 1 467 276	703 761 109 33 5	1 491 787 24 5 2	340 447 10 1 -	617 1 158 27 1	556 1 583 50 3 3
Milk cows farms number	7 748 294 888	411 8 998	418 5 618	159 2 345	376 6 920	631 15 769
Farms with— 1 to 4	880 278 4 340 1 955 272 22	102 45 218 41 5	171 50 184 11 1	49 12 92 6	75 38 247 15 1	79 30 463 58 1
Heifers and heifer calves farms number	38 383 1 275 321	2 155 36 665	2 712 33 617	883 8 681	2 011 22 638	2 591 36 392
Steers, staar calvas, bulls, and bull calves ferms number	42 527 1 609 728	2 423 48 347	2 976 37 239	978 10 225	2 210 22 853	2 817 37 0 02
Cattle and calves soldfarms numbar \$1,000 _ Calvesfarms_	50 509 3 539 020 2 124 641 16 116	3 193 108 928 59 129 1 101	3 663 129 440 79 485 1 406	1 207 22 315 10 147 519	2 670 50 688 23 550 1 109	3 373 75 135 35 317 1 410
Caives Iarms numbar \$1,000 Cattle	355 396 101 352 43 833 3 183 624	17 752 5 106 2 652 91 176	15 458 4 142 2 985 113 982	6 719 2 036 976 15 596	12 271 3 238 2 141 38 417	19 620 5 163 2 800 55 515
\$1,000 Fattened on grain and concentrates farms number \$1,000	2 023 290 22 503 2 405 669 1 643 176	54 023 1 323 63 119 40 491	75 344 1 051 79 636 53 991	8 111 337 6 030 3 503	20 311 794 16 529 10 139	30 154 1 026 25 231 15 886

Table 51. Summary by Size of Farm: 1987—Con.

[For meening of abbreviations and symbols, see introductions are supported by the symbols of the symbol of the s	ctory text)						
Item	140 to 179 ecres	180 to 219 ecres	220 to 259 ecres	260 to 499 ecres	500 to 999 ecres	1,000 to 1,999 acres	2,000 acres or more
FARMS BY SIZE							
1 to 9 ecres 10 to 49 acres	-	-	-	-	-	-	-
0 to 69 acres		-	-	-	-	-	
00 to 139 acres	10.500	-	<u> </u>	-	-	-	=
40 to 179 ecres	10 506	6 574	-	-	-	-	
20 to 259 acres	-	-	7 119	25 378	-	_	
00 to 999 acres	-	-	-1		15 874	3 401	-
,000 ecres or more	-	-	=	-	-	3 401	323
ARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	5 627 100	3 089 48	3 617 34	13 619 79	9 585 18	2 260	209 2
Cotton (0131)	- [7-	-	-	-	-	-
Tobacco (0132) Sugarcane and sugar beets; Insh	-	-	-	-	-	-	-
potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	100	48	34	79	18	1	2
g. L						,	_
egetables and melons (016)uits end tree nuts (017)	9 3	3	4	10	3	1 -	-
orticulturel specialties (018) eneral farms, primarily crop (019)	88	6	1 55	6	3	1	-
vestock, except dairy, poultry, and				167	101	16	
Beef cattle, except feedlots (0212)	3 753 951	2 657 639	2 783 498	9 761 1 293	5 621 579	1 058 110	104 20
airy farms (024)	696	537	453	1 114	290	26	;
oultry and eggs (025)nimal specialties (027)	29 29	19 20	21 10	72 24	22 10	4 2	1
eneral farms, primarily livestock and inimal specialties (029)	168	126	140	525	221	32	2
EVESTOCK							
attle and calves inventory farms number	4 676 235 436	3 420 201 301	3 605 247 814	13 057 1 171 439	8 469 1 303 665	1 883 549 941	190 128 801
Farms with — 1 to 9	305	168	183	507	184	23	3
10 to 49 50 to 99	2 583 1 371	1 578 1 179	1 439 1 276	3 944 4 439	1 591 2 076	221 281	9 13
100 to 199	352	442	584	3 231	2 710	479	28
200 to 499	56 9	49	98 15	832 104	1 601 307	625 254	56 79
Cows and heifers that had calved farms number	3 800 96 019	2 775 82 894	2 858 89 96 6	10 310 404 031	6 672 393 932	1 458 143 487	156 36 678
Beef cows farms number	2 881 61 735	2 073 51 739	2 243 60 585	8 636 300 216	6 167 345 992	1 406 135 442	155 36 060
Farms with— 1 to 9	529	264	261	805	286	27	4
10 to 49	2 219	1 657	1 748	5 947	2 902	425	17 25
50 to 99	109 20	139 11	220 11	1 656 203	2 178 725	418 414	40
200 to 499 500 or more	3	2	3 -	25 -	68	113 9	52 17
Milk cows farms number	1 054 34 284	811 31 155	745 29 381	2 214 103 815	814 47 940	109 8 045	6 618
Farms with—							
1 to 45 to 9	76 28	47 17	59 15	157 32	56 9	8 2	1
10 to 49 50 to 99	754 190	524 211	442 214	1 079 830	306 333	31 42	-4
100 to 199	136	12	14	110	100	22	-
200 to 499 500 or more	-	-	1 -	5 1	10	4 -	1 -
Herfers and herfer calves farms	3 682	2 687	2 816	10 489	6 723	1 476	158
Steers, steer calves, bulls, and bull	68 889	60 004	77 332	351 306	390 670	156 730	32 397
calves farms number	3 994 70 528	2 909 58 403	3 125 80 516	11 568 416 102	7 630 519 063	1 720 249 724	177 59 726
tattle and calves sold farms	4 818 152 659	3 526 121 057	3 707 175 080	13 459 883 929	8 772 1 167 544	1 930 538 501	191 113 744
\$1.000	78 177	61 484	97 585	516 961	735 408	351 106	76 292
Calvesfarms number	1 825 30 722	1 329 23 523	1 272 29 513	3 735 95 214	1 959 75 353	406 25 154	45 4 097
\$1,000 Cattlefarms	7 886 4 099	5 920 3 028	7 991 3 204	26 711 11 996	23 008 8 003	8 732 1 773	1 420 176
number	121 937 70 291	97 534 55 564	145 567 89 594	788 715 490 251	1 092 191 712 401	513 347 342 374	109 647 74 872
\$1,000 Fattened on grain and concentrates farms	1 813	1 380	1 640	6 820	5 023	1 187	109 87 422
number	73 095 47 137	56 692 36 324	100 974 68 143	578 735 390 221	876 472 607 831	441 734 306 342	87 422 63 169

Table 51. Summary by Size of Farm: 1987—Con.

ltem	Total	1 to 9 ecres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK - Con.						
Hogs end pigs inventoryferms number	36 670 12 983 074	3 464 850 261	2 117 568 751	524 113 337	1 387 305 249	1 827 373 057
Farms with—	3 530	730	619	144	258	305
25 to 49 50 to 99	2 560 4 220	371 522	288 319	61 73	188 232	230 338
100 to 199 200 to 499	6 766 11 269	619 752	322 333	97 100	266 291	377 407
500 or more	8 325	470	236	49	152	170
Used or to be used for breeding farms number	26 944 1 657 873	2 177 107 530	1 402 97 314	354 17 845	990 42 390	1 387 55 561
Other farms number	35 152 11 325 201	3 218 742 731	1 925 471 437	480 95 492	1 295 262 859	1 709 317 496
Hogs and pigs soldfarms number	38 638 23 483 812	3 841 1 790 091	2 295 1 365 580	554 235 054	1 475 590 665	1 902 726 625
\$1,000_ Feeder pigsfarms	2 494 231 8 972	171 091 1 150	109 445 818	20 676 196	57 248 489	70 516 545
number \$1,000	4 460 979 209 249	565 163 26 045	707 386 30 917	104 965 4 601	193 535 9 118	230 305 11 029
Litters of pigs farrowed between — Dec. 1 of preceding year and Nov. 30 farms	28 037	2 370	1 497	382	1 050	1 450
Dec. 1 and Mey 31 farms	2 495 867 26 110	162 239 2 126	149 874 1 341	26 278 340	66 735 950	82 053 1 296
June 1 and Nov. 30 farms number	1 251 973 25 992 1 243 894	80 427 2 139 81 812	74 146 1 327 75 728	12 964 338 13 314	34 269 935 32 466	40 883 1 302 41 170
Sheep and lambs of all ages inventory farms	8 636	997	1 348	287	497	566
number Ewes 1 year old or older tarms	451 617 8 089	54 132 926	52 549 1 256	10 002 271	16 740 470	25 129 531
number	280 591	22 698	32 096	6 441	11 454	16 829
Sheep and lambs soldfarms number	8 806 607 492	1 084 139 963	1 359 73 917	284 9 499	502 14 400	553 27 445
Sheep and lambs shorn farms number	8 052 542 200	935 135 744	1 241 53 642	267 8 912	460 15 611	506 26 103
pounds of wool	2 901 639	270 733	333 712	60 831	108 244	174 632
Horses and ponies inventory farms number	11 647 59 338 2 453	1 138 5 291 388	2 362 13 179 625	433 2 541 95	760 4 195 182	859 4 884 194
Horses and ponies sold farms number Goats inventory farms	9 909 1 082	1 171 144	2 260 265	447 55	783 90	862 89
number Goats soldfarms	7 387 366	886 65	1 879 97	378 26	468 32	455 28
number	3 198	471	932	158	240	555
POULTRY Chickens 3 months old or older inventory farms	4 897	514	831	181	452	465
Farms with—	9 580 666	1 779 773	1 669 857	141 012	255 054	488 427
1 to 399	4 456 175	433 17	778 12	170 5	424 11	445 10
3,200 to 9,999	93 82	17 21	14 7	1 3	7 7	3
20,000 to 49,999	50 25	14 12	10 5	1	3 -	1
100,000 or more	16	-	5	-	-	2
Hens and pullets of laying age farms number	4 834 8 212 576	501 1 370 690	822 1 335 610	180 138 455	229 110	457 375 843
Pullets 3 months old or older not of laying agefarms	487	48 409 083	88	21 2 557	57 25 944	53 112 584
number Hens and pullets sold	1 368 090 908 9 873 596	146 2 794 217	334 247 132 1 821 769	24 119 741	59 334 167	76 588 795
	0.000	2	. 32. 133			
Broilers and other meat-type chickens sold farms number	1 060 666 016	186 68 133	178 261 505	30 28 395	59 35 927	72 25 4 55
Farms with — 1 to 1,999	1 021	180	170	29	57	70
2,000 to 59,999	38	6	7 -	1 -	2 -	2
100,000 or more	1	-	1	-	-	-
Turkey hens kept for breeding farms number	345 71 889	60 19 212	84 22 557	17 38	25 76	29 139
Turkeys sold farms number	9 594 632	62 660 752	1 013 640	7 089	750 796	24 213 106

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbraviations and symbols, see introduc	lory text)				· · · · · · · · · · · · · · · · · · ·		
Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 ecres	500 to 999 acres	1,000 to 1,999 ecres	2,000 acras or more
LIVESTOCK—Con.							
Hogs and pigs inventory farms	3 086 743 071	2 272 615 835	2 756 815 272	10 773 3 977 551	6 953 3 455 029	1 414 1 052 475	87 113 188
Farms with —	319	184	221	486	221	38	5
25 to 49 50 to 99	291 434	174 350	198 353	499 1 075	226 454	33 65	1 5 2
100 to 199	708 953	513 703	611 876	2 048 3 978	1 062 2 448	141 406	22
500 or more	381	348	497	2 687	2 542	731	62
Used or to be used for braading farms number	2 316 104 248	1 711 82 096	2 053 108 790	8 235 497 450	5 221 409 895	1 033 122 460	65 12 284
Other farms number	2 947 638 823	2 183 533 739	2 642 706 482	10 463 3 480 101	6 800 3 045 134	1 393 930 015	97 100 892
Hogs and pigs sold farms	3 232	2 390	2 871	11 239	7 262	1 475	102
numbar \$1,000	1 358 682 136 950	1 092 667 114 152	1 466 612 156 083	6 845 740 751 392	5 919 125 667 221	1 882 229 215 714	210 742 23 743
Faedar pigsfarms number \$1,000	804 351 870 16 657	543 224 152 10 111	637 257 047 12 125	2 293 1 007 239 48 749	1 249 612 648 29 528	238 176 933 8 654	10 29 736 1 714
	10 037	10 111	12 123	40 / 43	23 320	0 054	
Litters of pigs farrowed between Dec. 1 of preceding year and Nov. 30 farms number	2 418 151 599	1 772 122 380	2 136 160 814	8 481 751 251	5 351 617 488	1 063 185 193	67 19 963
Dec. 1 and May 31 farms number	2 221 76 947	1 641	1 982 82 286	8 049 379 096	5 082 307 976	1 021 91 451	9 702
June 1 and Nov. 30 farms number	2 214 74 652	1 638 60 554	1 959 78 528	7 973 372 155	5 089 309 512	1 013 93 742	65 10 261
Sheep and lambs of all ages inventory farms	772	485	497	1 882	1 093	195	17
number	39 216 722	23 185 454	25 244 460	108 587 1 767	80 225 1 033	15 831 183	777 16
number	26 153	13 237	17 282	72 187	51 887	(D)	(D)
Sheap and lambs sold farms number	777 53 063	485 24 870	505 23 061	1 913 140 372	1 117 81 707	209 18 474	18 721
Shaep and lambs shorn farms number	714 39 309	455 22 288	467 24 631	1 764 116 286	1 039 80 605	189 18 43 7	15 632
pounds of wool	247 629	142 960	161 909	722 909	555 592	118 219	4 269
Horses and ponies inventory farms number	852 4 262	550 3 085	554 2 477	2 160 9 321	1 513 7 426	415 2 418	51 259
Horses and ponies sold ferms number	139 494	87 305	111 608	333 1 328	235 1 309	59 335	5 7
Goats inventory farms number	85 600	63 279	52 254	143 1 310	79 759	17 119	Ξ
Goats soldfarms number	31 375	8 26	17 59	41 223	17	4 26	-
POULTRY							
Chickens 3 months old or older inventory farms number	551 553 856	263 1 060 462	315 541 638	894 2 073 654	366 604 258	59 412 495	6 180
Ferms with — 1 to 399	515	231	283	804	317	50	6
400 to 3,199 3,200 to 9,999	19	17 6	15 10	41 21	25 9	3	-
10,000 to 19,999	7	5 2	2 2	17 7	7 6	3 2	-
20,000 to 49,999 50,000 to 99,999	2 2 1	1 1	1 2	1 3	1 1	- 1	=
100,000 or more	Á						-
Hens and pullets of laying age farms number	546 550 726	260 869 771	311 468 106	2 009 251	363 473 911	57 (D)	6 (D)
Pullets 3 months old or older not of laying age farms number	44 3 130	27 190 691	34 73 532	82 64 403	24 130 347	8 (D)	1 (D)
Hens and pullets sold farmsnumber	97 675 246	47 509 785	55 417 503	182 1 244 357	71 669 754	18 (D)	(D)
	0.0 2.40	333 133	111 000	. 244 00.		(=/	(-,
Broilers and other meat-type chickens sold farms number	82 15 612	57 13 997	66 17 401	233 161 839	90 36 082	7 1 670	-
Farms with — 1 to 1,999	82	56	65	218	87	7	_
2,000 to 59,999 60,000 to 99,999	-	1	1	15	3	-	<u>-</u>
100,000 to 99,999	-	-	-	-	-	-	-
Turkey hens kept for breeding farms	30	21	18	42	14 4 061	5 115	-
Turkeys sold farms_	2 612 25	160 16	2 674 28	20 245 88	39	5	
number I	392 034	346 543	367 072	4 174 045	1 460 980 l	(D) I	(D)

Table 51. Summary by Size of Farm: 1987—Con.

Core for gargan or seed	[For meening of abbreviations and symbols, see introduc	ctory text]					
CROPS HARVESTED Core for game a sead	łtem		4.45.0	10.1. 10	50. 00		
Corn for grann or seed		Total					100 to 139 ecres
### BY ADDRESS OF THE PARTY OF	CROPS HARVESTED						
Program Description 177, 381 366 208 005 5 802 006 4 900 722 17 672 100 28 556 884	Corn for grain or seed farms						5 825
### part by access functions of the part o	bushels	1 274 388 346	238 005	5 823 066	4 360 723		227 908 26 256 894
Famility access fervicated Famility access fervicated 2 to 10 agrees 2 to 1							6
## 55 of services	Ferms by acres hervested:						
250 to 498 parest	25 to 99 acres	35 088	400				1 394 4 344
1				-	-	-	87
Access			-		-	-	-
Access	Corn for silage or green chop tarms	7 934	12	85	56	199	372
Irrigated - Survey. 7	acres	205 176	47	733	526	2 156	4 895
Farmat by across hervested	Irngatedfarms	7	-	10 416	7 237	33 503	68 918
1 10 A across		110	-	-	-	-	-
100 to 249 acres 265			12				319
Soughum for grann or seed Sorghum for grann Sorghum	100 to 249 acres	265	-	-	-	-	-
Beauty Companies Compani				-	-	-	-
Beauty Companies Compani							
Imgated Dushels 334 779		4 376	(D)		1 (D)		4 29
## Meal for gram		334 779		(D)	(D)		2 170
Barley for grain.		-		-	-	-	-
Barley for grain.	Wheat for grain farms	1 245		24	22	49	60
Impaled	acres	31 047	(D)	(D)	366	578	1 042
Farms by acres harvested: 998			(D)	(D) -	13 109	20 896	40 300
1 to 24 acres. 988 1 988 1 94 1 7 44 5 55 25 10 59 acres. 988 1 7 4 4 9 55 25 10 59 acres. 988 1 7 4 7 4 7 4 7 5 7 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		(D)	-	-	-	-	-
100 0 249 acres	1 to 24 acres		1	34			58
250 to 499 acres 5 -	100 to 249 acres		-	-	6 -	5 -	9 2
Barley for gram	250 to 499 acres		-	-	-	-	=
Acres	330 43133 37 11313				-	-	_
Margated	Barley for grain farms		1 (D)				24
Casts for grain	bushels	358 125		(D)			13 970
Acres S44 907 213 5 680 3 409 12 895 22 287			-	-	-	-	-
Acres S44 907 213 5 680 3 409 12 895 22 287	Oate for our	05.000					
Imgalad		544 907			3 409		23 287
Farms by acres harvested: 1 to 24 acres				267 848	160 299	659 983	
1 10 24 acres	acres		-	-	-	-	(D)
100 to 249 acres 238	1 to 24 acres		61				1 474
250 to 499 acres			-	21	19	77	171
Sopheans for beans		13	-	-	-	-	-
Acres	300 00 00 00 00 00 00 00 00 00 00 00 00	'	_	-	-		_
Irrigated	Soybeans for beans farms	68 278		2 420			4 221
Farms by acres harvested: 1 to 24 acres	bushels	326 081 351	43 890	1 324 555	991 410	4 331 498	5 956 960
1 to 24 acres	acres						130
25 to 99 acres	Farms by acres harvested:	10, 200	210	2 114	677	1 557	1 338
250 to 499 acres	25 to 99 acres	28 626	-	306			2 849
Irish potatoes	250 to 499 acres	6 197		-	-	-	34
Acres 1 998 3 47 (D) 20 16	500 ecres or more	1 010	-	-	-	-	-
Imgated	Irish potatoes farms		9	28	2		10
Imgated							
Hay—altalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) — farms	Irngated farms	20	-	7	-	3 757	1
grass silage, green chop, etc. (see text) — farms	acres	1 130	-	21	-	-	(D)
acres 1 968 207 1 669 35 682 18 301 52 252 82 562 82 562 82 562 82 562 82 562 82 562 82 562 82 562 82 562 82 5789 43 608 128 780 212 239 212 239 212 239 212 239 212 239 3 68 1 00 00 70 84 5 1 00 2 2 60 2 2 60 2 2 60 2 2 60 2 2 60 2 2 76	Hay—altalfa, other tame, small grain, wild,	40.071	400	0.004		2 200	0.554
Irrigated tarms	acres	1 968 207	1 669	35 682	18 301	52 252	82 567
Farms by acres harvested. 1 to 24 acres	Irrigatedtarms				43 608	128 780	
1 to 24 acres	acres				(D)	70	
100 to 249 acres	1 to 24 acres		490				
250 to 499 acres 278	100 to 249 acres		-	182			
Alfalfa hay farms	250 to 499 acres	278	-		- [-	-
acres 1 380 550 1 425 28 552 13 853 38 685 61 345 tons, dry 4 444 233 3 792 74 610 36 369 105 280 174 768 Irrigated	500 BOIGS OF HIGHER	30	-	-	-	-	-
tons, dry							
	tons, dry	4 444 233					174 768
GLES US DO MI DO SA 27	Irrigated tarms acres				1 (D)		

Table 51. Summary by Size of Farm: 1987—Con.

[For meening of abbreviations and symbols, see introduc	ctory text]						
ltem							
	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or mora
CROPS HARVESTED							
Corn for grein or sead farms acres bushels	9 457 493 179 59 408 861	5 978 381 932 45 541 332	6 709 525 561 63 886 498	24 507 2 935 364 364 703 568	15 645 3 574 571 456 163 398	3 358 1 488 999 194 303 287	311 273 492 36 030 554
Irrigatedfarms acres	18 747	10 574	36 2 350	90 8 895	158 22 730	85 18 552	18 7 183
Farms by acres harvested: 1 to 24 acres 25 to 99 acres	1 075 7 974	577 4 619	330 4 750	628 8 047	108 1 160	7 78	- 10
100 to 249 acres 250 to 499 acres 500 acres or more	408	782 - -	1 626 3 -	15 270 562 -	8 588 5 479 310	405 1 641 1 227	20 41 240
Corn for silaga or green chop farms acres tons, green Imgated farms	758 11 494 181 624	622 10 234 154 124	660 11 554 171 977	2 614 59 907 940 967	1 946 65 093 1 053 188	539 29 843 490 064	71 8 694 138 773
Farms by acras harvested:	=	-	(D)	50	(D)	(D)	-
1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	627 127 4 - -	518 98 6 -	519 134 7 -	1 877 671 64 2	1 114 712 97 23	199 263 59 13 5	7 30 28 3 3
Sorghum for grain or seed farms acres	8 141	9 187	7 163	30 967	19 609	17 1 746	3 407
bushels bushels acres.	13 810	19 060	10 400	56 484 - -	45 520 - -	148 152	32 614
Wheat for grain farms acres bushels trrigated farms	92 1 398 57 161	69 1 113 38 061	95 1 645 55 303	392 7 613 284 018	372 9 129 365 566	132 5 562 194 744	18 2 290 100 156
Farms by acres harvested:	- 77	54	(D) 76	306	260	(D)	-
10 24 acres 100 to 249 acres 250 to 499 acres 500 acres or more	15 - - -	14 1 1	18 1 1 -	77 8 1	103 8 1	67 53 10 1	5 7 3 2 1
Barley for grain farms	36 591	39 539	25 331	142 2 756	40 943	16 751	- -
bushels Irrigated farms acres	28 431 1 (D)	32 103	17 937 1 (D)	147 328 4 191	55 668 - -	50 880 1 (D)	=
Oats for grain	2 997 48 997 2 716 796	2 092 37 180 2 057 300	2 333 45 003 2 550 338 5	8 480 188 896 10 928 118	4 814 139 561 8 108 008	881 35 396 2 040 874	56 4 410 237 858
Farms by acras harvested:	(D)	-	58	108	(D)	(D)	-
1 to 24 acras 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acras or more	2 525 468 4 -	1 649 441 2	1 728 599 6 -	5 615 2 822 42 1	2 679 2 015 113 6	356 464 57 4 -	12 28 14 2 -
Soybeans for beansfarmsacresbushels	7 275 368 086 14 903 224	4 507 258 238 10 420 128	5 426 389 041 15 794 011	21 285 2 339 439 96 227 721	14 462 2 885 773 119 742 710	3 177 1 149 851 48 408 010	294 191 104 7 937 234
Irrigated farms acres Farms by acres harvested:	17 838	(D)	15 723	51 4 045	68 7 292	33 5 169	6 1 511
1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres	1 319 5 833 123	755 3 390 362	573 3 349 1 504	1 286 7 719 12 145 135	325 2 189 7 397 4 508	44 204 641 1 507	2 20 39 47 186
500 acres or more farms	10	2	7	16	43	781	2
acrescwt Irrigatedacresacres	35 8 073 1 (D)	(D) (D)	87 6 442 2 (D)	146 29 139 1 (D)	856 146 880 5 226	(D) (D) 2 (D)	(D) (D) 1 (D)
Hay-alfalfa, other tame, small grain, wild,		-	(5)	(0)	220	(0)	
grass silage, green chop, etc. (see text) farms acres tons, dry trngated farms	5 091 144 782 403 773 4	3 606 124 398 347 651	3 803 139 452 395 716 4	13 619 608 058 1 756 501	8 519 544 567 1 606 620 10	1 791 182 849 532 265 3	181 33 630 95 823 -
Farms by acres harvested:	54 2 683	(D) 1 567	115 1 571	126 4 929	245 2 271	402 310	- 14
25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	2 337 71 	1 927 112	2 082 147 3	7 428 1 231 31	4 342 1 807 95	730 620 116 15	58 65 33 11
Alfalfa hay farms acres	4 399 106 857	3 146 90 104	3 330 98 973	11 980 428 930	7 493 371 289	1 541 119 086	136 21 451
tons, dry- lrrigated farms acres	333 362 2 (D)	282 499	318 370 3 71	1 399 703 5 121	1 248 632 8 92	396 245 1 (D)	70 603 - -

Table 51. Summary by Size of Farm: 1987—Con.

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 ecres	100 to 139 ecres
CROPS HARVESTED—Con.						
Vegetebles harvested for sale (see text) farms acres	64	-	6	3	7	3
Irrigated ferms	2]]]	<u>'</u>
acres	80	19	28	7	7	3
Farms by acres harvested:	104	,	37	20		
0.1 to 4.9 acres 5.0 to 24.9 acres	13	۱ ′۵	37	20	3 2	3
25.0 to 99.9 ecres	10	l i	j .	l (Ď	(D)	(D)
100.0 to 249.9 acres	30	3	8	1 4	`4	`i
250.0 ecres or more	236	(Z)	5	2	1	(D)
Land in orchards farms	21	-	4	4	5	1
acres	1	-	-	-	-	-
Irrigeted farms	458	53	176	29	39	40
Farms by bearing and nonbearing acres:	436	33	1/6	29	39	40
0.1 to 4.9 acres	2 488	92	762	269	391	135
5.0 to 24.9 acres	11 270 927	239 863	4 606 430	1 443 649	1 587 700	486 173
25.0 to 99.9 acres	77	11	36	4	8	4
100.0 to 249.9 ecres	_29	2	9	11	11	1
250.0 acres or more	18 728	187	9 855	450	760	386

Table 51. Summary by Size of Farm: 1987—Con.

ltem	140 to 179 acres	180 to 219	220 to 259 acres	260 to 499 ecres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
	40.25	40.00	30.00	00.00	deres	40103	mare
CROPS HARVESTED—Con.							
Vegetables harvested for sala (see taxt) farms	5	,		14	16		
acres	-		1	ا 'ءَ	10	1	_
Irrigated farms		<u>'</u>	<u>'</u>	1	<u> </u>		_
acres	6	_		ė.	, a	1	_
Farms by acres hervested:	ŭ				,	'	_
0.1 to 4.9 ecres	31	_	_	2	(D)	(D)	_
5.0 to 24.9 acres		_	_	1		(2)	l _
25.0 to 99.9 acres	_	_	-	_	_	_	_
100.0 to 249.9 acres	1	_	1	1 3	4	1	۔ ا
250.0 acres or more	(D)	-	(D)	Ī	148	(D)	-
Land in orchards farms	1	4	_	1	1	_	_
acres	-	-	-		_	1	
Irrigated farms	_	-	-	-	1 -	_	-
acres	18	18	14	43	22	4	2
Ferms by bearing and nonbearing acres:							
0.1 to 4.9 ecres	73	211	53	149	90	(D)	(D)
5.0 to 24.9 acres	577 960	1 156 998	47 260	902 104	55 225	(D)	(D) (D)
25.0 to 99.9 acres	6	2	1	4	1	_	· -
100.0 to 249.9 acres	5	(D)	(D)	1	(D)	-	-
250.0 acres or more	6 635	(D)	(D)	220	(D)	-	-

¹Deta are based on a sample of farms.
²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 52. Summary by Value of Agricultural Products Sold: 1987

[For meaning of abbreviations and symbols, see introductions and symbols, see introductions are symbols, see introductions and symbols, see introductions are symbols.]	ctory text]						
the second		\$500,000 or	more				
Item	All ferms	\$1,000,000 or more	Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
FARMS AND LAND IN FARMS							
Farmsnumber _ percent _ Land in farmsacres _ Average size of farmacres _	105 180 100.0 31 638 130 301	410 .4 487 661 1 141	1 630 1.5 1 573 526 965	4 957 4.7 3 780 793 763	20 200 19.2 10 723 255 531	20 656 19.6 7 445 295 360	5 996 5.7 1 604 284 268
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD				•			
Total sales (see text) farms \$1,000 Average per farm dollars	105 180 8 926 799 84 872	410 840 349 2 049 632	1 630 1 643 439 1 008 245	4 957 1 659 468 334 773	20 200 3 103 103 153 619	20 656 1 493 083 72 283	5 996 267 940 44 686
Farms by value of sales: Less than \$1,000 (see text) \$1,000 to \$2,499 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999	3 782 5 017 5 498 8 252 12 427	- - - -	-	-	-	-	- - - -
\$20,000 to \$24,999 \$25,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999	5 009 11 756 5 996 20 656 20 200	-	-	- - - -	20 200	20 656	5 996 -
\$250,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 or more	4 957 1 220 410	410	1 220 410	4 957 - -	-	-	=
Grains	81 042 3 563 323 23 982 2 507 136	311 55 272 206 52 744	1 323 202 169 916 192 066	4 420 538 005 3 157 505 510	18 329 1 389 439 11 201 1 214 421	18 396 832 000 8 708 595 139	5 183 160 296 - -
Corn for grain farms. \$1,000 Wheat \$1,000 Soybeans farms. \$1,000 \$1,000 \$1,000	72 356 1 961 527 1 188 2 726 68 166 1 573 168	217 34 975 8 (D) 267 19 689	989 120 957 42 219 1 190 79 723	3 764 309 060 97 376 4 048 225 387	16 457 759 001 321 845 16 620 620 398	17 000 445 709 293 687 16 594 379 752	4 838 86 574 67 108 4 603 72 303
Sorghum for grain	57 477 81 116 11 842 19 604 677 5 705	2 (D) - - 35 187 7 165	3 (D) 2 (D) 198 748 31 391	5 53 7 6 759 2 060 70 1 063	8 162 21 35 3 348 6 717 212 2 280	9 45 19 40 2 929 4 715 157 1 052	5 18 6 4 743 1 007 42 281
Cotton and cottonseed	-	-	- - -	-	-	- - -	=
Tobacco farms \$1,000 Sales of \$50,000 or more farms \$1,000	-	-	-	-	-	- - -	=
Hay, silage, and field seedsfarms	12 947 46 480 30 3 365	51 2 092 5 1 466	207 3 756 9 1 828	674 4 341 6 368	2 733 13 313 10 875	2 551 9 204 5 295	742 2 499 - -
Vegetables, sweet corn, and malons farms \$1,000 Sales of \$50,000 or more farms \$1,000	596 7 541 30 4 384	(D) - -	7 1 299 3 1 247	23 1 254 6 1 050	86 2 297 17 1 814	75 982 4 272	21 192 - -
Fruits, nuts, and bernes farms \$1,000 Sales of \$50,000 or more farms \$1,000	371 2 853 13 1 390	(D)	(D)	9 (D) -	32 1 140 8 1 078	32 408 5 312	17 192 -
Nursery end greenhouse crops farms. \$1,000 Sales of \$50,000 or more farms.	357 38 241 111	5 13 410 5	17 21 119 17	22 6 169 19	49 6 186 41	47 2 419 34	18 592
\$1,000_ Other crops farms _ \$1,000_ Sales of \$50,000 or more farms _	35 714 99 1 678	13 410 - - -	21 119 1 (D)	6 148 9 (D)	6 140 13 218	2 307 8 137	4 5 ~
\$1,000 Poultry and poultry products farms \$1,000 Sales of \$50,000 or more farms	1 259 3 643 192 229 426	98 283 40	(D) 131 139 024 115	819 176 25 778 105	(D) 607 19 147 145	(D) 664 5 687 61	203 580
\$1,000 Dairy products	7 048 392 284 3 165	(D) 9 3 660 7	138 953 54 13 749 49	25 44 2 378 50 610 338	17 898 2 462 196 032 1 930	4 202 2 275 97 414 848	538 14 712
\$1,000 Cattle and calves	294 998 50 509 2 124 641 7 178 1 590 392	312 535 737 304 535 596	13 556 1 178 864 655 1 070 862 231	3 003 389 515 1 992 367 788	178 762 11 202 459 422 3 265 306 843	53 376 10 658 208 835 851 53 530	2 870 40 250 -

Table 52. Summary by Value of Agricultural Products Sold: 1987-Con.

ltəm	\$25,000 to	\$20,000 to	\$10,000 to	\$5,000 to	\$2,500 to	Less than
FARMS AND LAND IN FARMS	\$39,999	\$24,999	\$19,999	\$9,999	\$4,999	\$2,50
armsnumber_	11 756	5 009	12 427	8 252	5 498	8 79
and in farmsacres	11.2 2 537 071	4.8 859 245	11.8 1 634 730	7.8 749 253	5.2 333 099	8. 397 57
Average size of farmacres	216	172	132	91	61	4
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD						
otal sales (see text) farms \$1,000	11 756 375 819	5 009 112 042	12 427 182 050	8 252 60 139	5 498 20 091	8 79 9 62
Avarage per farmdollars	31 968	22 368	14 650	7 288	3 654	1 09
Farms by value of sales: Less than \$1,000 (see text)	-	-	_	-	-	3 78
\$1,000 to \$2,499 \$2,500 to \$4,999	-	-	-	-	5 498	5 01
\$5,000 to \$9,999 \$10,000 to \$19,999	-	-	12 427	8 252	-	
\$20,000 to \$24,999	-5	5 009	-	_	-	
\$25,000 to \$39,999 \$40,000 to \$49,999	11 756	-	_	-	-	
\$50,000 to \$99,999 \$100,000 to \$249,999	-	-	-	Ξ.	-	
\$250,000 to \$499,999	-	_	_	-	-	
\$500,000 to \$999,999 \$1,000,000 or more	-	-	-	-	<u> </u>	
Grainsfarms	9 988	4 066	9 283	4 942	2 558	2 55
\$1,000 Sales of \$50,000 or morafarms	231 465	67 743	103 617	27 839	7 508	3 24
\$1,000	-	2.750	-	-	-	
Corn for grain farms \$1,000	9 303 124 090	3 758 37 289	8 408 56 896	4 229 15 737	1 914 4 269	1 69 1 94
Wheat farms \$1,000	104 160	33 43	119 154	65 98	25 26	2.
Soybeansfarms \$1,000	8 718 104 945	3 369 29 702	7 344 45 269	3 315 11 539	1 406 3 013	959 1 137
Sorghum for grain farms \$1,000	9	3 (5)	7 7	3	3	(5)
Barley farms	44	(D) 1	11	(D)	(D)	(D
\$1,000 Oatstarms	1 369	(D) 506	10 1 056	(D) 496	(D) 222	(D 21:
\$1,000 Other grains farms \$1,000	1 880 60 335	631 22 69	1 134 36 149	404 26 55	174 11 18	13 1 1
Cotton and cottonseed farms	333	_	145	-	-	'
\$1,000_ Salas of \$50,000 or more	-	-	=}	Ξ]		
\$1,000	-	-	-	-	-	
Tobaccofarms \$1,000	-	-	-	-	-	
Sales of \$50,000 or more farms \$1,000	-	-	-	-	-	
Hay, silage, and field seeds tarms	1 349	583	1 398	920	602	1 18
\$1,000 Sales of \$50,000 or more farms	4 510	1 810	3 580	1 780	916	77.
\$1,000	-	-	-	-	-	
Vegetablas, sweet corn, and melons farms \$1,000	43 359	21 125	83 511	75 306	88 171	7- 4:
Salas of \$50,000 or more farms \$1,000	-	=	-	-	-	
Fruits, nuts, and berriesfarms	25	15	53	57	53	7: 5:
\$1,000_ Sales of \$50,000 or morefarms_ \$1,000_	277 - -	150	266	182	117	• • • • • • • • • • • • • • • • • • •
Nursery and greenhouse crops farms	25	18	45	45	38	3:
\$1,000 Sales of \$50,000 or more farms	638	315	432	241	91	40
\$1,000	-	-	-	-	-	,
Other crops farms \$1,000	5 16	4 5	21 78	18 30	9 12	•
Sales of \$50,000 or more farms \$1,000	-	-	-	-	-	
Poultry and poultry products farms	383	150	406	301	231	39
\$1,000 Sales of \$50,000 or more farms	656	312 -	513	246	138	148
\$1,000 Dairy products farms	686	215	320	63	30	2
Sales of \$50,000 or more	13 490	2 914	3 020	272	47	24
\$1,000	-	=	=	-	-	
Cattle and calves	5 420 65 649	2 266 22 644	5 573 43 954	3 827 19 872	2 408 7 089	2 104 2 756
Sales of \$50,000 or more farms	05 049	22 044	70 804	10 0/2	, 555	2,30

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

		\$500,000 or	more				
Item	All farms	\$1,000,000 or more	Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con. Hogs end pigs	38 638 2 494 231	208 119 027	1 080 380 382	3 658 636 004	12 762 1 005 016	9 332 326 603	2 107 46 047
Sales of \$50,000 or more farms \$1,000	15 528 2 058 777	118 837	1 000 378 159	3 284 626 243	8 808 897 094	2 436 157 282	
Sheep, lambs, and wool farms	8 922 46 157 77 21 114	15 12 796 5 (D)	73 13 847 7 13 573	336 4 517 20 3 109	1 448 8 530 33 3 290	1 553 6 429 17 1 142	474 1 638
Other livestock and livestock products (see text) farms	3 417 17 139	4 12	23 3 089	88 2 389	357 2 363	423 2 966	160 930
Sales of \$50,000 or more tarms \$1,000	8 848	-	3 046	2 189	16 1 677	1 937	
FARM PRODUCTION EXPENSES							
Total farm production expenses	105 184 6 647 645 63 200	410 706 585 1 723 379	1 630 1 338 199 820 981	4 417 1 079 240 244 338	20 634 2 242 358 108 673	20 700 1 095 796 52 937	5 909 203 858 34 500
Livestock and poultry purchased farms \$1,000 Farms with expenses of —	46 066 1 358 161	388 361 952	1 521 585 357	3 485 246 804	13 196 326 837	10 264 123 507	2 42° 19 159
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	20 895 14 932 7 811 2 428	2 12 19 355	42 106 218 1 155	513 672 1 304 996	3 693 4 582 4 657 264	4 138 4 624 1 491 11	1 17: 1 17: 7:
Feed for livestock and poultryfarms \$1,000	64 752 1 101 866	393 166 213	1 566 309 334	3 949 210 461	16 732 376 885	14 031 131 289	3 43 ⁻ 19 664
Ferms with expenses of — \$1 to \$4,999	31 369 22 076 9 846 1 461	- 5 49 339	8 76 560 922	144 866 2 461 478	2 443 8 180 6 048 61	5 077 8 209 745	1 840 1 560 20
Commercially mixed formula feeds farms \$1,000	33 282 475 104	262 82 212	980 150 160	2 337 89 1 4 3	9 473 153 587	7 698 54 322	1 869 8 523
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$79,999 \$80,000 or more	17 634 11 352 3 545 751	5 21 79 157	27 182 342 429	204 896 1 005 232	2 396 5 059 1 930 88	3 891 3 552 253 2	1 234 616 15
Seeds, bulbs, plants, and trees farms Farms with expenses of—	88 807 308 197	369 8 268	1 489 21 634	4 254 40 045	20 006 116 611	19 625 70 815	5 582 14 127
\$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	23 074 45 976 19 426 331	7 70 228 64	31 266 1 037 155	74 977 3 078 125	564 9 178 10 214 50	1 284 14 007 4 333 1	720 4 476 386
Commercial fertilizer	83 067 467 355	351 10 117	1 451 32 374	4 192 65 984	19 587 186 286	18 998 104 695	5 310 20 843
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	51 929 29 100 1 788 250	31 173 93 54	143 849 342 117	514 2 944 640 94	5 319 13 522 708 38	10 374 8 547 76 1	3 826 1 470 14
Agricultural chemicals farms \$1,000	86 631 309 894	357 6 867	1 460 21 128	4 185 41 386	19 689 120 810	19 175 68 768	5 432 13 355
Farms with expenses of — \$1 to \$4,999	66 563 19 490 514 64	66 210 57 24	314 951 156 39	1 202 2 783 181 19	9 770 9 748 165 6	14 447 4 717 11 -	4 882 550
Petroleum products farms \$1,000_	100 939 315 061	401 9 487	1 609 24 678	4 395 39 728	20 482 114 897	20 460 69 632	5 835 14 431
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	81 446 19 169 274 50	21 279 75 26	180 1 235 156 38	932 3 375 77 11	10 213 10 227 41 1	16 823 3 637 - -	5 449 386
Gasoline and gasohol farms \$1,000 Diesel fuel farms	87 982 105 047 73 400	352 2 340 367	1 407 6 398 1 491	3 864 10 216 4 132	18 276 33 053 19 127	17 978 23 681 18 314	5 084 5 406 4 891
\$1,000_ Natural gas tarms_ \$1,000_	136 878 5 064 6 637	4 028 42 775	11 202 159 1 253	19 193 374 977	54 246 1 541 2 293	30 374 1 240 1 301	6 157 249 220
LP gas, fuel oil, kerosene, motor oil, grease, etc farms \$1,000	86 862 66 500	398 2 344	1 601 5 826	4 377 9 341	20 330 25 305	20 009 14 276	5 543 2 648

Table 52. Summary by Value of Agricultural Products Sold: 1987-Con.

Item	\$25,000 to	\$20,000 to	\$10,000 to	\$5,000 to	\$2.500 to	l ann thas
	\$39,999	\$24,999	\$19,999	\$9,999	\$4,999	Less the \$2,50
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.						
Total sales (see text) – Con. Hogs and pigs farms	3 281	1 176	2 492	1 404	739	60
\$1,000_ Sales of \$50,000 or morefarms \$1,000	54 811 - - -	14 379 - -	21 758 - - -	6 643	1 936 - -	65
Sheap, lambs, and woolfarms \$1,000	909 2 837	389 1 176	1 068 2 789	774 1 813	761 1 380	1 13 1 20
Salas of \$50,000 or more farms \$1,000	-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		-	=	
Other livestock end livestock products (see text)farms	254	136	382	361	363	86
\$1,000_ Sales of \$50,000 or more	1 111 - -	468 - -	1 530 - - -	914 - -	687 - -	68
FARM PRODUCTION EXPENSES1						
Total ferm production expenses farms \$1,000	11 849 292 198	4 914 96 315	12 594 168 420	8 587 69 318	5 200 28 903	8 75 33 03
Average per fermdollers	24 660	19 600	13 373	8 072	5 558	3 770
Livestock and poultry purchased farms \$1,000 Farms with expenses of —	4 126 25 049	1 577 7 310	3 663 12 841	2 207 6 392	1 388 2 524	2 210 2 38
\$1 to \$4,999 \$5,000 to \$24,999	2 355 1 711	1 011 565	2 618 1 038	1 891 315	1 313 75	2 150 6
\$25,000 to \$99,999 \$100,000 or more	60	1 -	6	ī	=	•
Feed for livestock and poultry farms \$1,000	6 411 25 294	2 376 6 953	6 018 12 533	3 994 4 794	2 404 2 046	3 840 2 613
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	4 441 1 963	1 867 509	5 376 642	3 969 25	2 394	3 80
\$25,000 to \$99,999 \$100,000 or more	7 -		- - -		10 - -	3 :
Commarcially mixed formula feeds farms \$1,000	3 191 10 012	1 033 2 129	2 739 4 810	1 481 1 214	975 545	1 510 65
Farms with expenses of— \$1 to \$4,999	2 497	920	2 507	1 481	975	1 50
\$5,000 to \$24,999 \$25,000 to \$79,999	694	113	232	-		1 30
\$80,000 or mora	-	-	-		-	
Seeds, bulbs, plants, and trees farms \$1,000 Farms with expenses of —	10 833 21 309	4 335 6 778	10 586 11 081	5 899 3 739	2 825 1 236	3 37: 82
\$1 to \$999 \$1,000 to \$4,999	2 319 8 213	1 337 2 931	5 837 4 739	4 928 871	2 653 172	3 32 4
\$5,000 to \$24,999 \$25,000 or more	301	67	10	=	=	
Commercial fertilizer farms \$1,000	10 041 26 304	3 953 8 544	9 664 14 376	4 941 4 780	2 313 1 645	2 61 1 32
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	8 792 1 249	3 676 277	9 501 163	4 885 56	2 290 23	2 60
\$25,000 to \$49,999\$50,000 or more	-	-	=	=	=	
Agricultural chemicals farms \$1,000	10 297 20 896	4 284 6 857	10 203 11 287	5 683 3 420	2 788 1 108	3 43: 88
Farms with expenses of — \$1 to \$4,999	9 750	4 201	10 100	5 674	2 788	3 43
\$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	546 1 -	83 - -	103	9 - -	-	
Petroleum products farms \$1,000	11 457 21 294	4 708 6 891	12 053 12 985	8 214 5 681	4 772 2 470	6 95- 2 37-
Farms with expenses of — \$1 to \$4.999	11 194	4 679	12 043	8 207	4 772	6 95
\$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	263 - -	29 - -	10	7 - -	-	
Gasoline and gasohol farms \$1,000	9 851 9 378	3 951 3 306	10 302 7 015	6 980 3 429	4 238 1 584	6 05 1 58
Diesel fuel farms \$1,000	8 850 7 793	3 232 2 354	6 759 3 559	3 423 1 224	1 427 392	1 75 38
Natural gas farms \$1,000 LP gas, fuel oil, kerosene, motor oil,	412 220	171 81	484 209	203 34	126 32	10: 1:
grease, etc	10 616 3 903	4 141 1 150	9 683 2 202	5 063 984	2 545 462	2 95 ⁴ 390

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations end symbols, see introduc	tory text]						
10		\$500,000 or n	more				
Item	All farms	\$1,000,000 or more	Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
FARM PRODUCTION EXPENSES¹ —Con.							
Total farm production expenses—Con.							
Electricityfarms \$1,000	90 255 126 591	403 4 958	1 596 12 108	4 345 16 921	19 951 44 182	19 377 25 539	5 328 5 529
Farms with expenses of — \$1 to \$999	47 918 39 358	7 137	84 757	260 2 986	3 414 15 565	7 855 11 422	2 926 2 376
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	2 896 83	222	694 61	1 090	959 13	100	26
Hired farm lebor farms	49 121 282 515	396 36 461	1 576 84 335	3 710 77 486	14 394 78 360	11 637 26 862	2 679 4 364
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	37 600 8 880	22 80	60 559	461 2 166	9 817 4 058	10 059 1 497	2 433 246
\$25,000 to \$99,999 \$100,000 or more	2 443 198	191 103	782 175	1 062 21	517	81	=
Contrect lebor ferms	8 078 21 032	79 1 616	321 3 960	736 4 447	2 322 5 696	1 624 3 768	395 605
\$1 to \$999 \$1,000 to \$4,999	3 846 3 123	7 20	21 97	113 328	762 1 236	755 680	241 125
\$5,000 to \$24,999 \$25,000 or more	1 032 77	36 16	171 32	272 23	318	173 16	29
Repair and maintenance farms \$1,000	91 920 407 270	405 14 071	1 612 36 031	4 336 53 548	20 004 148 419	19 546 86 343	5 386 17 180
\$1 to \$4,999 \$5,000 to \$24,999	63 247 27 602	19 173	147 962	659 3 334	6 659 13 146	12 644 6 877	4 356 1 030
\$25,000 to \$49,999 \$50,000 or more	905 166	131 82	372 131	317 26	190	25 -	Ξ
Customwork, machine hire, and rental of machinery and equipment farms	57 354 133 395	275 3 272	1 087 8 051	2 878 12 717	13 352 40 987	12 287 30 446	3 407 7 111
Ferms with expenses of — \$1 to \$999	25 122	17	137	592	4 029	4 722	1 422
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	25 700 6 238 294	104 118 36	495 395 60	1 514 725 47	7 101 2 105 117	6 017 1 479 69	1 713 272
Interest expensetarms \$1,000	67 262 579 338	391 27 844	1 555 71 750	3 940 93 114	17 270 223 758	15 283 102 646	3 785 17 826
Ferms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	37 493 24 442	19 82	134 496	606 1 893	5 296 9 478	8 132 6 720	2 362 1 400
\$25,000 to \$99,999 \$100,000 or more	5 121 206	209 81	771 154	1 401 40	2 485	430	23
Secured by real estatefarms \$1,000	44 371 390 226	315 15 267	1 255 43 655	3 094 62 302	12 099 153 277	9 417 67 726	2 188 11 747
Farms with expenses of— \$1 to \$999	6 684	8	30	78	639	995	333
\$1,000 to \$4,999 \$5,000 to \$24,999	16 369 17 889	19 101	126 495	488 1 631	2 867 6 967	3 575 4 570	911 929 15
\$25,000 or more	3 429	187 274	1 037	897 2 506	1 626	277 9 876	2 422
\$1,000	189 113	12 577	28 096	30 812	70 481	34 921	6 078
Farms with expenses of \$1 to \$999	13 476	3	20	149	1 828	2 595	905 1 160
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	16 664 10 034 1 034	12 92 167	124 483 410	568 1 479 310	4 486 4 709 301	4 888 2 380 13	357
Cash rent farms \$1,000	41 375 492 800	266 13 247	1 143 41 023	3 149 75 906	13 399 207 508	10 522 105 429	2 548 19 341
Farms with expenses of — \$1 to \$4,999	15 835 8 684	27 24	122 155	423 487	3 305 2 611	3 620 2 684	1 165 543
\$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	11 593 5 263	72 143	320 546	1 139 1 100	4 805 2 678	3 338 880	798 42
Property taxes farms	87 431 230 810	378 4 721	1 516 13 757	4 038 23 747	17 242 69 871	16 345 49 844	4 586 11 786
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	75 206 9 596	117 103	584 472	2 088 1 279	12 157 3 987	13 486 2 578	4 113 422
\$10,000 to \$24,999 \$25,000 or more	2 474 155	119	378 82	632 39	1 066 32	279	51
All other farm production expenses farms	101 919 513 358	410 37 491	1 630 72 678	4 416 76 947	20 629 181 251	20 694 96 012	5 908 18 541
\$1 to \$4,999 \$5,000 to \$24,999	73 591 25 444	17 126	126 758	717 2 787	7 429 12 105	13 614 6 949	4 938 970
\$25,000 to \$49,999 \$50,000 or more	2 166 718	92 175	379 367	679 233	977 118	131	-

Table 52. Summary by Value of Agricultural Products Sold: 1987 - Con.

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
FARM PRODUCTION EXPENSES1 —Con.						-
Total farm production expenses — Con. Electricity	10 341	4 176	10 040	6 296	3 552	5 253
Ferms with expenses of—	8 300	2 789	5 537	2 832	1 334	1 521
\$1 to \$999. \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	7 297 3 025 19	3 256 920 - -	8 677 1 363 - -	5 798 498 - -	3 360 192 - -	4 991 254 8
Hired ferm labor farms \$1,000_	4 848 4 881	1 832 1 636	4 040 2 678	1 974 1 039	1 041 354	1 390 521
Ferms with expenses of — \$1 to \$4,999	4 648	1 764	3 984	1 951	1 041	1 382
\$5,000 to \$24,999 \$25,000 to \$59,999 \$100,000 or more	199 1 -	68 - -	56 - -	23 - - -	- -	8
Contrect leborfarms	705 904	253 313	676 791	508 290	252 116	286 142
Ferms with expenses of— \$1 to \$999	459	164	443	433	218	237
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	209 37 -	80 9 -	210 23 -	75 -	34	49 - -
Repair and maintenancefarms \$1,000	10 566 26 510	4 186 9 049	10 194 16 038	6 505 7 119	3 915 3 465	5 670 3 569
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	9 301 1 264	3 828 356	9 740 454	6 398 107	3 895	5 620
\$25,000 to \$49,999 \$50,000 or more	1 -		-	-	20	50 - -
Customwork, machine hire, and rental of machinery and equipmentfarms	6 721 14 054	2 731 5 529	6 850 9 428	3 780 3 273	2 030 1 092	2 231 708
Farms with expenses of — \$1 to \$999	2 954	1 162	3 553	2 677	1 765	2 109
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	3 070 696 1	1 274 295	3 065 232 -	1 064 39 -	265 - - -	122 - -
Interest expense farms \$1,000	7 379 26 910	2 757 8 839	6 313 16 731	3 703 7 945	2 064 3 631	3 213 6 188
\$1 to \$4,999 \$5,000 to \$24,999	5 364 2 012	2 190 567	5 240 1 072	3 282 421	1 904 160	2 983 223
\$25,000 to \$99,999 \$100,000 or more	3 -	-	1 -	-	-	7
Secured by real estate farms \$1,000	4 136 18 471	1 573 6 241	4 090 12 267	2 720 6 499	1 443 2 916	2 356 5 125
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999	788 1 951	336 806	1 234 1 950	834 1 596	572 748	845 1 351
\$5,000 to \$24,999 \$25,000 or more	1 395 2	431 -	905 1	290	123	153 7
Not secured by real estatefarms \$1,000	4 865 8 440	1 726 2 597	3 299 4 464	1 692 1 446	1 013 715	1 448 1 063
Farms with expenses of — \$1 to \$999	2 284	828	1 807	1 167	829	1 064
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	2 169 412 -	820 78 -	1 360 112 -	517 8 -	175 9 -	377 7 -
Cesh rentfarms \$1,000	4 054 23 003	1 407 7 382	2 897 9 464	1 141 2 583	533 712	582 449
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$9,999	2 162 1 035	791 371	2 146	1 013 115	516 17	572 10
\$10,000 to \$3,999 \$10,000 to \$24,999 \$25,000 or more	840 17	245	656 95	13	' <u>-</u>	-
Property taxesfarms	9 256 20 045	3 813 7 432	10 442 15 811	7 421 8 630	4 654 4 109	8 118 5 779
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	8 759 468	3 726 80	10 289 134	7 321 94	4 611	8 072 39
\$10,000 to \$24,999 \$25,000 or more	29	7 -	19	6 -	-	7 -
All other farm production expenses farms \$1,000 Farms with expenses of —	11 849 27 446	4 914 10 014	12 576 16 840	7 625 6 801	4 530 3 062	7 148 3 766
\$1 to 54,999 \$5,000 to \$24,999	10 634 1 215	4 512 402	12 357 219	7 609 16	4 530	7 125 23
\$25,000 to 549,999 \$50,000 or more	= = = = = = = = = = = = = = = = = = = =	=		-	-	-

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

				T			
Item		\$500,000 or	more				
item	All farms	\$1,000,000 or more	Total	\$250,000 to \$499,899	\$100,000 to \$249,999	\$50,000 to \$89,899	\$40,000 to \$49,99
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT							
All farmsnumber \$1,000 Average per farmdollars	105 184 2 146 997 20 412	410 133 784 326 254	1 830 305 240 187 264	4 417 396 336 89 730	20 634 914 541 44 322	20 700 396 972 19 177	5 90 59 71 10 10
Farms with net gains²number Average net gaindollars	74 987 31 660	372 377 708	1 488 213 548	4 062 100 161	18 911 50 287	17 452 25 165	4 67 15 61
Gain of — Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 767 22 906 33 147 14 167	5 28 339	12 42 165 1 289	26 142 769 3 125	168 1 180 8 922 8 641	264 2 801 13 255 1 132	14 1 18 3 34
Farms with net lossesnumber Average net lossdollars	30 197 7 521	38 177 436	142 88 165	355 29 623	1 723 21 148	3 248 12 996	1 23 10 76
Loss of— Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 943 18 984 5 889 381	3 8 27	4 19 52 67	10 93 190 62	111 550 904 158	188 1 495 1 513 52	8 63 49 2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments	75 203 1 153 713 30 370 132 008	329 18 574 92 1 044	1 366 66 951 482 4 412	4 430 161 620 1 684 10 217	18 139 424 216 7 794 36 564	17 737 265 336 6 847 26 559	4 89- 53 28- 1 66- 6 72-
Customwork and other agricultural services farms \$1,000	15 001 61 977	47 480	290 2 483	1 090 6 393	4 763 21 914	3 841 15 704	84 3 36
Gross cash rent or share payments farms \$1,000 Forest products and Christmas trees farms \$1,000 Other farm-related income sourcas farms \$1,000	8 633 58 000 710 1 876 11 908 10 156	28 437 1 (D) 42 (O)	93 1 078 4 32 232 819	235 2 295 29 100 784 1 430	1 237 10 553 87 362 3 614 3 736	1 339 8 678 74 140 2 920 2 037	45 2 76 7 23 66 36
COMMODITY CREDIT CORPORATION LOANS							
Total farms \$1,000 Corn farms \$1,000 Wheat farms	51 178 1 598 775 50 551 1 298 123 61	230 32 985 226 27 713	1 075 115 655 1 063 97 011	3 680 269 572 3 652 218 950	14 847 648 177 14 735 519 801 23	13 698 361 768 13 571 291 314 15	3 58 63 22 3 54 52 22
\$1,000 Soybeans	127 14 094 298 747	71 (D)	338 18 600	(D) 1 283 50 350	64 4 865 128 040	3 994 69 853	(2 87 10 85
Sorghum, barley, and oatsfarms	86 190 -	(D)	3 44 -	8 (D)	18 (D)	26 62 -	1 2
\$1,000 Peanuts, rye, rice, tobacco, and honey farms \$1,000	70 1 587	-	-	1 (D)	(D)	9 497	12
LAND IN FARMS ACCORDING TO USE							
Total cropland farms acres Harvested cropland farms acres	96 749 27 290 868 92 878 20 484 178	376 407 313 370 336 697	1 519 1 385 621 1 494 1 133 182	4 787 3 420 671 4 746 2 743 066	19 677 9 563 566 19 571 7 476 976	19 960 6 493 111 19 804 4 892 483	5 75 1 374 76 5 66 1 001 48
Farms by acres harvested: 1 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	17 548 13 956 23 454 29 005 7 723 1 114	7 10 16 90 134 86 27	32 23 61 441 592 290 55	72 56 324 1 878 1 825 569 22	239 508 3 069 10 810 4 692 252	544 1 248 5 515 11 907 588 2	29 59 2 63 2 11 1
Cropland: Pasture or grazing only	36 766	132 17 256	521	1 819	7 844 616 665	7 931 546 099	2 24 137 53
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured	2 283 547	92	62 847	183 743	5 802	6 169	1 81
On which all crops failed acras acres In cultivated summer fallow farms acres Idle farms	1 670 711 1 640 45 013 844 45 160 42 114	13 896 6 176 3 460 211	52 620 18 980 13 1 880 874	148 611 50 1 868 26 2 196 2 781	493 868 225 10 248 141 9 755 10 667	398 002 288 10 503 170 11 648 9 926	93 63 10 2 35 7 3 89 2 68
Total woodland farms	2 762 259	38 828 62	134 112	341 187 996	956 054 4 407	634 376 4 657	135 86
woodland pastured acres Woodland not pastured acres Woodland not pastured acres	1 316 448 14 393 774 976 14 477 541 472	7 341 32 4 886 40 2 455	32 890 152 20 104 196 12 786	77 318 546 44 202 607 33 116	302 661 2 664 184 069 2 650 118 592	285 908 2 802 174 007 2 716 111 901	75 034 830 45 509 800 29 528

Table 52. Summary by Value of Agricultural Products Sold: 1987 - Con.

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT	i					
All farmsnumber \$1,000_ Average per farmdollars	11 849 85 241 7 194	4 914 13 488 2 745	12 594 15 984 1 269	8 587 -6 873 -800	5 200 -9 894 -1 903	8 750 -23 759 -2 715
Ferms with net geins ² number Average net gaindollars	9 181 11 464	3 395 7 479	7 979 5 037	4 496 2 659	1 964 1 403	1 383 573
Gain of — Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	347 3 789 5 045	239 2 116 1 040	693 6 679 607	906 3 590 - -	826 1 138	1 143 240
Farms with net lossesnumber Average net lossdollars	2 668 7 501	1 519 7 835	4 615 5 245	4 091 4 602	3 236 3 909	7 367 3 333
Loss of— Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	378 1 559 730 1	134 984 400 1	722 3 209 682 2	717 2 983 390 1	689 2 308 239 -	1 903 5 152 297 15
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments	9 191 79 321 3 447 13 366	3 632 25 105 1 122 3 975	8 022 44 319 2 783 11 176	4 057 16 908 1 663 8 604	1 875 7 606 1 095 4 066	1 860 9 042 1 791 6 346
Customwork and other agricultural services farms \$1,000	1 632 5 928	528 1 490	926 2 525	470 1 310	239 464	377 405
Gross cash rent or share payments farms \$1,000 Forest products and Christmas trees farms \$1,000 Other farm-related income sources farms	857 6 527 74 175 1 440	373 2 156 15 17 414	1 276 8 188 125 132 919	962 6 871 68 268 365	689 3 452 67 95 201	1 114 5 439 96 320 352
\$1,000 COMMODITY CREDIT CORPORATION LOANS	736	312	331	155	55	183
Fotal farms \$1,000	6 019 82 009	2 192 23 005	4 021 28 371	1 412 5 650	443 1 064	202 284
Corn	5 938 68 603 5	2 143 19 376 1 (D)	3 923 24 483 9 (D)	1 379 5 168 4 6	417 929 -	189 265 -
Soybeans farms \$1,000 -	1 356 13 203	496 3 608	678 3 693	152 (D)	44 73	12 (D)
Sorghum, barley, and oats tarms \$1,000 Cotton farms	8 10 -	(D)	6 (D)	3 1 -	-	- - -
\$1,000 Peanuts, rye, rice, tobacco, and honeyfarms \$1,000	10 186	(D)	16 185	(D)	15 62	- 8 (D)
AND IN FARMS ACCORDING TO USE						
otal croplandtarms acres Harvested croplandfarms	11 098 2 130 850 10 899	4 646 702 780 4 505	11 201 1 268 035 10 695	7 030 520 423 6 373	4 367 207 522	6 714 223 520
Farms by acres harvested:	1 506 652	479 992	809 994	277 555	3 801 93 303	5 330 69 487
1 to 49 acres 50 to 99 acres 100 to 199 acres	763 1 815 6 775	473 1 458 2 382	2 444 5 706 2 434	4 042 2 094 229	3 422 358 19	5 225 93 7 5
200 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	1 541 5 - -	189 3 - -	110	7 1 - -	2 - - -	5 - - -
Cropland: Pasture or grazing only farms acres	4 177 242 967	1 672 90 476	3 968	2 547	1 597	2 447 65 175
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured	3 443	1 380	191 003 3 151	99 979	47 060 904	985
On which all crops failed farms	155 404 174	54 260 71	122 846 215	68 512 155	36 968 119	45 983 217
acres in cultivated summer fallow farms acres	3 999 106 4 926	1 689 40 1 928	3 989 111 4 474	3 241 77 2 382	1 863 36 1 192	4 281 54 884
Idlefarms acres	5 042 216 902	2 039 74 435	4 258 135 729	1 982 68 754	875 27 136	984 37 710
Total woodland	2 633 133 859	1 128 55 087	3 210 142 484	2 250 92 049	1 520 52 494 841	2 309 66 664
Woodland not pastured farms acres	1 516 82 057 1 535 51 802	675 34 155 625 20 932	1 880 83 974 1 815 58 510	1 307 49 686 1 271 42 363	27 358 856 25 136	1 180 29 855 1 406 36 809

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meening of abbreviations and symbols, see introduc	ctory text]						
		\$500,000 or	more				
Item	All farms	\$1,000,000 or more	Totel	\$250,000 to \$498,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,898
LAND IN FARMS ACCORDING TO USE Con.							
Pastureland and rengelend other then cropland and woodland pastured farms	22 415	84	326	1 057	4 495	4 421	1 23
Land in house lots, ponds, roads, wasteland, etc farms	1 452 248 79 586	32 120	85 013 1 320	126 366 3 955	385 774 15 779	317 804 15 828	72 91 4 45
Cropland under federal ecreage reduction programs:	1 578 566	20 887	70 002	156 438	471 254	348 472	81 56
Annuel commodity ecreage adjustment programs farms ecres	69 141 3 560 902	322 49 856	1 336 178 185	4 366 474 097	17 838 1 352 558	17 232 878 658	4 67 174 32
Conservation reserva program farms acras	8 050 697 896	6 485	173 19 285	386 38 290	1 494 128 130	1 431 127 757	43 37 38
Value of land and buildings1 farms_ \$1,000_ Average per farmdollers_	105 184 29 829 901 283 597	410 537 107 1 310 017	1 630 1 736 605 1 065 402	4 417 3 528 520 798 850	20 634 10 651 864 516 229	20 700 6 733 422 325 286	5 90 1 377 20 233 06
Average per acredollars	947	1 148	1 104	1 022	962	913	871
Farms by value group: \$1 to \$39,999 \$40,000 to \$69,999	13 227 11 020	4 3	31 27	85 26	386 257	717 486	307 256
\$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999	9 152 12 468 9 769	7 13 4	22 37 28	38 82 84	287 731 1 065	802 1 705 2 026	36- 825 930
\$200,000 to \$499,999 \$500,000 to \$999,999	31 637 14 045	52 131	277 536	1 090 1 766	8 637 7 596	11 364 3 402	2 969 240
\$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or more	3 466 380 20	125 58 13	496 161 15	1 091	1 616 55	191	10
VALUE OF MACHINERY AND	20	13	15	'	4		•
Estimated market value of all machinery and equipment farms	104 901	410	1 630	4 417	20 625	20 692	5 909
\$1,000 Farms by value group: \$1 to \$4,999	5 543 375 6 659	94 861	293 395	611 288	1 934 664	1 264 615 244	2 64 09 ⁻
\$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999	12 872 15 609 28 782	2 1 6	3 25 70	21 81 305	132 552 3 672	482 1 776 7 173	259 850 2 600
\$50,000 to \$99,999	22 911	58	287	1 082	7 888	7 363	1 439
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	14 193 3 763 112	167 139 37	659 535 49	1 929 963 22	6 761 1 518 33	3 089 557 8	555 41
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups farms number	93 674 143 433	397 1 586	1 582 4 796	4 300 9 805	19 898 35 103	19 436 29 512	5 433 7 746
Wheel tractors farms number Less then 40 horsepower (PTO) farms	97 120 302 392 48 200	397 2 393 154	1 595 8 405 630	4 315 19 882 1 871	20 078 77 326 9 094	19 698 66 450 8 809	5 473 17 568 2 601
40 horsepower (PTO) or more farms number	79 062 85 755 223 330	362 385 2 031	1 309 1 544 7 096	3 285 4 230 16 597	15 076 19 447 62 250	14 493 19 003 51 957	4 461 5 150 13 107
Grain and bean combines farms	55 575 60 004	266 337	1 210 1 408	3 623 4 055	15 709 16 934	13 747 14 726	3 536 3 88
Cottonpickers and strippers farms number	-	-	-	=	-	-	
Mower conditioners farms number Pickup balers ferms	29 756 31 333 40 640	164 194 162	661 736 718	1 753 1 908 2 108	7 718 8 179 9 975	6 763 7 074 9 005	1 673 1 732 2 441
AGRICULTURAL CHEMICALS ¹	46 867	197	845	2 478	11 756	10 544	2 905
Commercial fertilizer ferms	83 051 13 313 702	351 255 707	1 451 821 931	4 192 1 733 262	19 581 5 043 747	18 998 3 097 152	5 310 607 476
Lime ferms acres on which used	17 823 1 219 181 2 846 408	96 21 870 46 696	403 66 601 145 998	1 300 150 637	5 352 441 586 1 016 426	4 186 257 799 601 673	910 48 637 113 22
Sprays, dusts, granules, fumigants, etc., to control—		/		359 104			
Insects on hay end other crops farms acres on which used Nematodes in crops farms	41 361 4 910 343 2 548	255 142 964 17	1 006 407 235 70	2 769 735 022 137	11 488 1 827 246 664	9 595 1 042 626 645	2 44! 201 894 133
acres on which used Diseases in crops and orchards farms acres on which used	267 277 1 330 112 420	7 958 9 3 28 6	23 477 29 13 556	32 428 70 15 249	89 544 208 26 721	66 268 250 20 912	8 16 4 2 33
Weeds, grass, or brush in crops end pasture farms	70 486	302	1 204	3 488	16 647	16 140 3 451 681	4 57
acres on which used Chemicals for defoliation or for growth	14 709 093	254 658	817 467	1 850 830	5 738 325	3 431 681	703 145
control of crops or thinning of fruit farms acres on which used	1 066 120 779	1 663	19 6 663	65 18 599	237 38 775	162 27 964	68 7 665
See footnotes at and of table							

Table 52. Summary by Value of Agricultural Products Sold: 1987-Con.

[For meaning of abbreviations and symbols, see introduc	ctory text]					- 10-17
Item	\$25,000 to	\$20,000 to	\$10,000 to	\$5,000 to	\$2,500 to	Less than
	\$39,999	\$24,999	\$19,999	\$9,999	\$4,999	\$2,500
LAND IN FARMS ACCORDING TO USE—Con.						·
Pastureland and rengeland other than croplend and woodland pastured farms	2 364	1 007	2 454	1 859	1 241	1 953
Land in house lots, ponds, roads, wasteland, etc. tarms	129 858 8 833	50 682 3 695	9 060	71 781 5 970	38 884 4 061	56 343 6 631
Cropland under federal acreage reduction programs: Annual commodity acreaga adjustment programs	142 504 8 615	50 696 3 288	107 386 6 905	65 000 3 034	34 199	51 052
acras Conservation raserve program farms acras	252 718 818 76 357	78 396 334 29 842	121 371 974 87 181	36 887 759 58 958	1 146 9 356 491 34 505	707 4 349 757 60 205
Value of land and buildings¹	11 849	4 914	12 584	8 587	5 200	8 750
	2 119 805	737 035	1 400 952	694 139	318 994	531 362
	178 902	149 987	111 240	80 836	61 345	60 727
	851	873	851	891	1 002	1 360
Farms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999	758	466	1 735	2 513	2 173	4 056
	1 007	447	2 306	2 478	1 453	2 277
	1 151	600	2 659	1 435	619	1 175
	2 217	1 276	3 204	1 120	585	686
	2 314	1 068	1 353	472	193	236
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or more	4 178 222 2 - -	984 66 6 1	1 220 105 12	508 39 20 2	161 15 1 -	253 52 15 -
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms	11 833	4 906	12 587	8 542	5 176	8 584
	413 152	155 050	306 205	151 683	78 139	71 090
Farms by value group: \$1 to \$4.999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	497	286	1 034	1 381	1 023	1 958
	895	525	1 915	1 931	1 517	5 192
	2 488	1 100	4 209	2 377	1 362	781
	5 075	2 039	4 011	2 284	990	557
	2 270	755	1 044	443	269	71
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	559 49 -	175 26	311 63 -	126 - -	15 - -	14 11 -
SELECTED MACHINERY AND EQUIPMENT						
Motortrucks, including pickups	10 499	4 241	10 601	6 854	4 118	6 712
	14 354	6 131	13 757	9 157	5 136	7 936
	10 906	4 500	11 664	7 632	4 381	6 878
	32 040	12 946	429 762	17 459	9 038	11 516
	5 221	2 205	6 344	4 274	2 730	4 421
	8 472	3 530	10 614	6 794	4 411	6 617
	10 007	4 124	9 757	5 858	3 063	3 569
	23 568	9 416	19 148	10 665	4 627	4 899
Grain and bean combines farmsnumber	6 387	2 246	4 882	2 489	1 140	606
	6 843	2 360	5 189	2 676	1 251	681
Cottonpickers and stnppers farms number Mower conditioners number number	3 078	1 246	3 173	1 808	1 028	855
	3 215	1 312	3 355	1 861	1 082	879
Pickup balers farms	4 569	1 744	4 405	2 810	1 566	1 299
number	5 151	2 017	4 949	3 087	1 728	1 407
AGRICULTURAL CHEMICALS¹ Commercial fertilizer farms	10 031	3 953	9 664	4 941	2 313	2 617
acres on which used Lime	900 245	295 489	534 816	176 402	61 380	41 792
	1 785	571	1 593	876	329	515
	85 878	24 443	78 600	37 409	15 079	12 512
	199 010	57 545	198 119	88 099	37 821	29 392
control— Insects on hay and other crops	4 745	1 909	3 770	1 815	743	1 076
	333 146	103 471	176 472	57 846	12 666	12 719
	251	148	279	138	62	21
	17 766	8 496	14 213	5 781	966	174
	186	73	217	99	53	97
	11 075	4 682	13 152	3 985	358	396
Weeds, grass, or brush in crops and pasturefarms acres on which used	8 647	3 418	8 133	4 227	2 019	1 988
	1 051 017	315 771	531 728	169 049	45 685	34 395
Chemicals for defoliation or for growth control of crops or thinning of fruit farms acres on which used	137	39	154	115	33	37
	8 645	1 218	7 732	3 071	278	169

Table 52. Summary by Value of Agricultural Products Sold: 1987 - Con.

[For meaning of abbrevietions and symbols, see introduc	,,	2500.000			·		
Item	-	\$500,000 or	more				
	All farms	\$1,000,000 or more	Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
TENURE AND RACE OF OPERATOR							
All operators Full owners Pert owners Tenents	105 180	410	1 630	4 957	20 200	20 656	5 996
	48 226	124	394	957	4 103	6 033	2 283
	35 207	248	1 067	3 341	11 706	9 092	1 997
	21 747	38	169	659	4 391	5 531	1 716
White Full owners Part owners Tenants	105 056	410	1 630	4 954	20 186	20 637	5 992
	48 162	124	394	957	4 099	6 030	2 280
	35 182	248	1 067	3 339	11 701	9 086	1 996
	21 712	38	169	658	4 386	5 521	1 716
Bleck and other races Full owners Part owners Tenants	124 64 25 35	- - -		3 - 2 1	14 4 5 5	19 3 6 10	4 3 1 -
OWNED AND RENTED LAND							
Land owned farms acres arms Owned land in farms farms acres acres	84 315	372	1 471	4 318	15 940	15 289	4 350
	17 021 650	257 791	778 022	1 633 166	4 513 694	3 597 865	917 152
	83 433	372	1 461	4 298	15 809	15 125	4 280
	15 050 360	248 193	745 595	1 553 867	4 226 062	3 316 876	821 184
Land rented or leased from others farms.acres Rented or leased land in farms acres	57 231	288	1 242	4 012	16 132	14 667	3 725
	16 739 305	221 989	834 420	2 237 612	6 533 798	4 164 714	790 341
	56 954	286	1 236	4 000	16 097	14 623	3 713
	16 587 770	219 468	827 931	2 226 926	6 497 193	4 128 419	783 100
Land rented or leased to others farms acres	14 144	49	166	423	1 669	1 845	618
	2 122 825	12 119	38 916	89 985	324 237	317 284	103 209
OPERATOR CHARACTERISTICS							
Operators by place of residence: On farm operated Not on farm operated Not reported	78 710	282	1 282	4 291	17 431	16 805	4 542
	20 505	83	223	390	1 984	3 013	1 177
	5 965	45	125	276	785	838	277
Operators by principal occupation: FarmingOther	75 279	368	1 518	4 784	19 171	18 377	4 866
	29 901	42	112	173	1 029	2 279	1 130
Operators by days of work off farm: None	51 753	325	1 290	3 774	13 914	11 988	2 995
	46 229	60	238	835	5 018	7 274	2 565
	13 104	27	122	533	3 126	3 485	883
	7 197	6	33	122	745	1 350	539
	25 928	27	83	180	1 147	2 439	1 143
Not reported	7 198	25	102	348	1 268	1 394	436
Operators by years on present farm: 2 years or less 3 or 4 years 5 to 9 years 10 years or more Average years on present farm	5 787	11	37	97	532	878	330
	5 973	9	40	129	781	1 064	364
	13 617	30	110	409	2 326	2 681	853
	65 721	275	1 170	3 633	14 592	13 954	3 771
	19.7	23.4	23.1	21.8	20.5	20.6	20.5
Not reported	14 082	85	273	689	1 969	2 079	678
Operators by age group: Under 25 years	2 852	1	8	35	314	552	190
	17 458	41	204	805	4 005	4 047	1 112
	21 282	79	375	1 325	5 039	3 972	1 084
	10 512	58	238	650	2 341	1 950	518
	11 232	58	215	677	2 477	2 312	572
55 to 59 years	12 608	68	261	658	2 744	2 857	750
	12 679	68	201	519	2 051	2 914	880
	7 848	23	79	169	750	1 174	482
	8 709	14	49	119	479	878	408
	49.3	50.7	49 0	47.0	46.2	47.8	49.0
Operators by sex: Male	101 838 3 342	406	1 618 12	4 909 48	19 988 212	20 321 335	5 881 115
Operators of Spanish origin (see text)	105	-	-	3	19	23	5
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) tarms acres farms acres acres acres acres	89 188	151	807	3 286	16 470	17 809	5 211
	25 058 946	150 113	673 759	2 372 730	8 568 466	6 408 728	1 393 145
	11 088	76	283	788	2 357	2 095	613
	3 802 372	105 869	347 221	667 342	1 236 375	712 660	157 675
Corporation: Family held	4 094	164	484	801	1 282	650	142
	2 568 304	200 588	532 083	709 087	864 687	288 097	45 200
	81	8	16	11	21	18	4
10 or less stockholders farms	4 013	156	468	790	1 261	632	138
Other than family held tarms acres More than 10 stockholders farms 10 or less stockholders farms	310 91 558 34 276	17 (D) 3 14	13 776 6 43	59 15 939 5 54	33 363 8 42	11 099 - 31	11 3 063 - 11
Other – cooperative, estate or trust, institutional, etc	500	2	7	23	41	71	19
	116 950	(D)	6 687	15 695	20 364	24 711	5 201

Table 52. Summary by Value of Agricultural Products Sold: 1987-Con.

Item						
	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
TENURE AND RACE OF OPERATOR						
All operators	11 756 5 635	5 009 2 798	12 427 7 974	8 252 6 136	5 498 4 399	8 79 7 51
Part owners Tenants	3 117 3 004	968 1 243	1 923 2 530	897	499	60
				1 219	600	68
White	11 740 5 628	5 002 2 795	12 407 7 961	8 246 6 131	5 490 4 393	8 77 7 49
Pert owners	3 113 2 999	965 1 242	1 922 2 524	896 1 219	499 598	59 68
Black and other races	16	7	20	6	8	2
Full owners	7 4	3	13 1	5	6	2
Tanants	5	1	6	-	2	
OWNED AND RENTED LAND						
and owned farms	8 889 1 682 685	3 837 645 394	10 070 1 486 431	7 099 827 741	4 917 405 251	8 13: 534 24
Owned land in farms farms acres	8 752 1 458 720	3 766 535 866	9 897 1 161 257	7 033 593 114	4 898 284 787	8 114 353 032
and rented or leased from others farms	6 164	2 222	4 499	2 140	1 113	1 315
acres_ Rented or leased land in farms farms	1 100 172 6 121	326 549 2 211	490 910 4 453	161 112 2 116	50 847 1 099	48 830
acres	1 078 351	323 379	473 473	156 139	48 312	1 285 44 54
and rented or leased to others farms acres	1 444 245 786	719 112 698	2 307 342 611	1 884 239 600	1 225 122 999	1 84- 185 500
PERATOR CHARACTERISTICS	243 700	112 030	342 011	239 000	122 999	165 500
perators by place of residence:						
On farm operated	8 165	3 321	7 855	5 234	3 622	6 162
Not reported	2 964 627	1 407 281	3 748 824	2 369 649	1 372 504	1 858 779
perators by principal occupation:	8 537	3 330	7 155	3 636	4 804	2.04
Other	3 219	1 679	5 272	4 616	1 894 3 604	2 011 6 788
parators by days of work off ferm:	5 000					
None	5 226 5 622	2 043 2 554	4 617 6 815	2 615 5 035	1 402 3 728	1 889 6 545
1 to 99 days 100 to 199 days	1 563 1 094	585 465	1 211 1 058	639 700	380 439	577 652
200 days or more	2 965	1 504	4 546	3 696	2 909	5 316
Not reported	908	412	995	602	368	365
perators by years on present farm: 2 years or less	798	383	979	685	407	661
3 or 4 years5 to 9 years	741 1 597	327 642	843 1 660	580 1 115	401 825	703 1 399
10 years or more Average years on present farm	7 079 20.0	2 956 20.1	6 983 19.4	4 399 18.5	2 829 16.8	4 355 15.0
Not reported	1 541	701	1 962	1 473	1 036	1 681
perators by age group:						
Under 25 years 25 to 34 years	452 1 897	164 776	484 1 794	239 1 054	179 690	235 1 074
45 to 49 years	2 031 998	832 439	2 075 996	1 453 763	1 057 531	2 039 1 088
50 to 54 yeers	1 085	422	1 113	791	631	937
55 to 59 years	1 342 1 692	528 681	1 163 1 503	819 853	570 538	916 847
65 to 69 years	1 103 1 156	505 662	1 403 1 896	936 1 344	546 756	701 9 6 2
Average ege	50.3	51.5	52.0	52.7	51.6	50.3
perators by sex: Male	11 391	4 820	11 822	7 743	5 192	8 153
Female	365	189	605	509	306	646
Operators of Spenish origin (see text)	11	7	14	12	4	7
ORGANIZATION						
ndividuel or family (sole proprietorship) farms	10 178	4 313	10 771	7 258	5 001	8 084
acres artnershipferms	2 192 595 1 284	736 606 564	1 403 413 1 365	651 206 808	301 895 393	356 403 538
orporation:	268 479	95 978	185 839	78 104	24 460	28 239
Family heldfarms ecres	216 55 882	84 18 265	186 30 662	98 11 836	53 4 051	98 8 454
More than 10 stockholders farms 10 or less stockholders farms	214	3 81	3 183	3 95	53	98
Other than family held farms	19	9	22	20	22	18
More than 10 stockholders tarms	4 471	1 196	3 486	2 103	1 407	1 655
10 or less stockholders farms	18	5	21	17	18	16
Other—cooperative, estate or trust, institutional, etc.	59	39	83	68	29	61
acres	15 644	7 200	11 330	6 004	1 286	2 828

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introd	uctory text]						
		\$500,000 or	more				
ltem	All farms	\$1,000,000 or more	Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
FARMS BY SIZE							
1 to 9 acres 10 to 49 acres 50 to 69 acres 70 to 99 acres 100 to 139 acres 140 to 179 acres 180 to 219 acres 220 to 259 acres 20 to 259 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	7 974 10 981 2 901 6 981 7 168 10 506 6 574 7 119 25 378 15 874 3 401 323	16 23 2 4 3 6 3 10 50 117 129 47	66 69 6 14 10 21 16 35 230 564 474 125	137 93 12 27 39 62 2 68 128 1 059 2 028 1 178 126	486 197 40 181 236 775 731 1 051 6 671 8 280 1 498 54	674 334 104 308 626 1 413 1 286 1 807 9 915 3 982 194 13	249 166 49 154 269 683 595 971 2 484 356 18
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; Irish potatoes; field crops, except cash	50 200 1 451 - -	14 1 - -	129 2 - -	1 241 2 - -	8 263 5 - -	11 391 15 - -	3 647 10 - -
grains, n.e.c. (0133, 0134, 0139)	1 451	1	2	2	5	15	10
Vegetables and melons (016) Fruits and tree nuts (017) Horticultural specialities (018) General farms, primarily crop (019) Livestock, except dairy, poultry, and animal specialities (021) Beef cattle, except feediols (0212)	213 195 278 1 039 43 979 10 095	350 9	1	1 19 13 13 102 102 102 102 102 102 102 103 102 103	14 7 40 84 9 860 329	9 6 35 123 7 144 519	4 4 14 38 1 816 267
Dairy farms (024) Poultry and eggs (025) Animal specialties (027)	4 209 570 1 601	2 37	14 100 4	131 75 6	1 331 119 12	1 459 71 37	368 9 17
General farms, primarily livestock and animal specialties (029)	1 445	-	8	81	465	366	69
LIVESTOCK							
Cattle and calves inventory farms number Farms with —	49 469 4 303 682	308 425 837	1 145 788 581	2 814 590 883	10 741 1 225 092	10 328 784 812	2 804 164 013
1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	4 928 19 719 12 289 8 310 3 423 800	2 4 9 33 260	12 33 49 112 391 548	43 280 412 795 1 126 158	296 2 109 3 109 3 787 1 364 76	457 3 354 3 785 2 297 422 13	170 1 208 1 012 372 42
Cows and heifers that had calved farms number Beef cows farms number	38 373 1 418 633 32 279 1 123 745	82 21 225 73 18 913	427 67 037 388 58 830	1 656 135 206 1 352 103 992	8 141 453 413 6 118 319 907	8 447 335 980 6 544 254 766	2 355 74 346 1 899 59 657
Farms with— 1 to 9	5 883 19 651 4 965 1 467 276 37	10 16 19 17	11 104 106 84 59 24	67 545 392 262 78 8	423 3 242 1 697 643 108	618 4 107 1 443 356 20	214 1 315 330 39 1
Milk cows farms number	7 748 294 888	2 312	54 8 207	378 31 214	2 466 133 506	2 328 81 214	559 14 689
Farms with— 1 to 4	880 278 4 340 1 955 272 22 1	- 1 3 1 3	2 - 6 16 16 13	11 - 66 185 108 8	60 9 977 1 276 143 1	114 41 1 741 428 4	35 16 477 31
Heifers and heifer calves ferms	38 383 1 275 321	213 151 556	771 268 186	2 048 197 188	8 602 366 725	8 414 216 708	2 273 42 501
Steers, steer calves, bulls, and bull calves farmsnumber	42 527 1 609 728	269 253 056	981 453 358	2 416 258 489	9 339 404 954	9 043 232 124	2 457 47 166
Cattle and calves sold farmsnumber	50 509 3 539 020 2 124 641	312 755 444 535 737	1 178 1 241 055 864 655	3 003 600 802 389 515	11 202 808 924 459 422	10 658 416 831 208 835	2 870 87 080 40 250
Calves	16 116 355 396 101 352 43 833	3 829 1 202 309	87 18 108 5 688 1 163	443 22 058 6 610 2 889	2 740 96 196 26 404 10 362	3 153 75 431 20 849 9 572	987 20 577 5 828 2 512
number \$1,000 Fattened on grain and concentrates farms number \$1,000	3 183 624 2 023 290 22 503 2 405 669 1 643 176	751 615 534 535 290 715 501 508 963	1 222 947 858 966 1 034 1 132 056 803 181	578 744 382 905 2 256 480 236 332 146	712 728 433 018 6 556 489 492 322 823	341 400 187 986 5 151 184 056 115 719	66 503 34 422 1 158 29 066 17 731

Table 52. Summary by Value of Agricultural Products Sold: 1987-Con.

[For meening of abbreviations and symbols, see introduc	lory text]					
Item	\$25,000 to	\$20,000 to	\$10,000 to	\$5,000 to	\$2,500 to	Less than
	\$39,999	\$24,999	\$19,999	\$9,999	\$4,999	\$2,500
FARMS BY SIZE						
1 to 9 acres 10 to 49 acres 50 to 69 acres 70 to 99 acres 100 to 139 acres 140 to 179 acres 180 to 219 acres 220 to 259 acres 260 to 499 acres 200 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	625 355 161 433 938 2 669 1 656 1 665 2 847 393 13	308 263 95 358 815 1 391 602 436 660 74 7	1 100 972 632 2 510 2 305 2 168 1 013 666 934 116 11	1 043 1 979 801 1 665 1 070 787 348 221 287 45	1 015 2 262 472 701 433 285 129 69 121 11	2 271 4 291 529 630 427 252 130 70 170 25 4
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; insh notatoes; field crops, except cash	7 326	3 063	7 057	3 735	2 009	2 339
	40	21	109	173	222	852
	-	-	-	-	-	-
	-	-	-	-	-	-
potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	40	21	109	173	222	852
Vegetables and melons (016) Fruits and tree nuts (017) Horlicultural specialties (018) General farms, primarily crop (019) Livestock, except darry, poultry, and	8	5	37	41	46	47
	8	7	14	26	34	89
	20	15	32	33	24	29
	86	43	94	78	27	449
animal specialties (021) Beef cattle, except feedlots (0212)	3 679	1 650	4 708	3 985	2 909	3 489
	829	527	1 996	2 135	1 589	1 747
Darry farms (024)	458	145	230	37	15	21
	10	7	9	18	24	128
	26	18	89	110	171	1 111
	95	35	48	16	17	245
LIVESTOCK						
Cattle and calves inventory farms number. Farms with— 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	5 282 278 382 304 2 694 1 696 536 52	2 189 97 438 181 1 272 554 171 10	5 438 202 610 5 529 3 550 1 145 204 9	3 729 99 388 604 2 666 429 29 - 1	2 358 41 962 697 1 592 65 4	2 641 30 521 1 635 961 33 3 3 7 2
Cows and heifers that had calvedfarms	4 394	1 763	4 479	2 978	1 835	1 898
number	128 864	45 003	97 401	48 175	19 910	13 298
Beef cowsfarms	3 810	1 574	4 161	2 887	1 785	1 761
number	113 679	40 740	92 494	47 288	19 558	12 834
Farms with— 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	457	259	773	817	853	1 391
	2 752	1 124	3 154	2 025	928	355
	537	183	222	43	4	8
	61	8	9	1	-	4
	3	-	3	1	-	3
Milk cows farms number	746	253	463	187	115	199
	15 185	4 263	4 907	887	352	464
Farms with— 1 to 4 5 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	77 37 624 8 - -	51 23 172 6 1	139 82 237 5 -	128 31 28 - - -	89 19 7 - - -	174 20 5 - - -
Heifers and heifer calves farms	4 137	1 694	4 140	2 768	1 729	1 807
	68 965	24 351	47 954	23 965	10 440	8 338
Steers, steer caives, bulls, and bull caives	4 635	1 896	4 702	3 191	1 919	1 948
	80 553	28 084	57 255	27 248	11 612	8 885
Cattla and calves sold farms	5 420	2 266	5 573	3 827	2 408	2 104
	146 897	52 085	107 927	50 310	18 866	8 243
	65 649	22 644	43 954	19 872	7 089	2 756
	1 922	859	2 243	1 675	1 057	950
	39 447	14 912	37 570	19 401	7 738	3 958
	11 708	4 505	10 859	5 763	2 227	909
	4 562	1 885	4 555	3 015	1 834	1 484
	107 450	37 173	70 357	30 909	11 128	4 285
\$1,000_	53 941	18 139	33 095	14 109	4 861	1 848
Fattened on grain and concentrates farms	2 036	764	1 656	935	529	428
number_	43 912	13 039	22 132	8 086	2 522	1 072
\$1,000_	25 702	7 444	12 304	4 306	1 291	529

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introduc	ctory text)						
		\$500,000 or	more				
Item	All farms	\$1,000,000 or more	Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
LIVESTOCK—Con.							
Hogs and pigs inventoryfarmsnumber	36 670 12 983 074	203 503 928	1 043 1 703 038	3 564 3 047 117	12 298 5 231 168	8 858 1 951 373	1 990 313 630
Farms with — 1 to 24	3 530	-	8	26	224	451	185
25 to 49 50 to 99 100 to 199	2 560 4 220 6 766	3	5 16 24	32 72 175	233 628 1 603	547 1 146 2 443	182 374 645
200 to 499	11 269 8 325	19 181	132 858	731 2 528	5 392 4 218	3 652 619	563 41
Used or to be used for breading farms	26 944	143	755	2 615	9 309 648 597	6 650 270 239	1 475 45 450
number Otherfarms number	1 657 873 35 152 11 325 201	61 831 202 442 097	209 044 1 033 1 493 994	362 181 3 526 2 684 936	12 076 4 582 571	8 516 1 681 134	1 886 268 180
Hogs and pigs soldfarms	38 638	208	1 080	3 658	12 762	9 332	2 107
number \$1,000	23 483 812 2 494 231	1 086 705 119 027	3 515 607 380 382	5 795 773 636 004	9 252 739 1 005 016	3 271 772 326 603	489 460 46 047
Feeder pigs farmsnumber \$1,000	8 972 4 460 979 209 249	200 569 10 115	211 676 679 32 813	910 237 42 623	2 563 1 438 351 69 485	2 112 815 331 37 671	520 152 326 6 709
Litters of pigs farrowed between - Dec. 1 of preceding year and Nov. 30 farms	28 037	144	766	2 657	9 545	6 863	1 537
number Dec. 1 and May 31 farms	2 495 867 26 110	103 762 142	342 757 755	573 911 2 596	984 020 9 224	379 648 6 437	59 681 1 394
number June 1 and Nov. 30 ferms number	1 251 973 25 992 1 243 894	51 371 143 52 391	169 516 753 173 241	285 321 2 603 288 590	498 612 9 168 485 408	191 376 6 396 188 272	29 753 1 399 29 928
Sheep and lambs of all ages inventory farms	8 636	13	68	302	1 388	1 510	465
number Ewes 1 year old or older farms number	451 617 8 089 280 591	38 552 11 (D)	45 026 60 10 333	36 120 288 20 300	93 265 1 315 62 324	79 257 1 419 54 378	21 723 431 14 459
Sheep and lambs sold farms	8 806	15	73	335	1 429	1 530	472
Sheep end lambs shorn farms	607 492 8 052	186 519 12	197 959 61 130 051	50 862 298 43 312	104 838 1 328 99 642	83 568 1 420 87 377	21 341 418 22 763
number pounds of wool	542 200 2 901 639	125 744 142 261	167 811	283 826	637 940	551 050	142 606
Horses and ponies inventoryfarms number	11 647 59 338	44 374	146 772	471 2 078	1 629 7 403	1 758 8 440 305	528 2 884 114
Horses and ponies soldfarms numbar Goats inventoryfarms	2 453 9 909 1 082	(D)	11 30 5	70 316 25	283 1 182 83	1 826 143	737 48
Goats soldfarms	7 387 366	(D)	71 2	778 5	470 32	905 41	189 17
number	3 198	(D)	(D)	(D)	661	302	104
POULTRY Chickens 3 months old or older inventory farms	4 897	21	63	142	592	826	291
number Farms with—	9 580 666	4 482 709	6 066 192	1 305 939	1 372 341	479 859	114 123 272
1 to 399	4 456 175 93	2	11 2 1	82 5 11	459 33 38	733 45 33	12
3,200 to 9,999 10,000 to 19,999 20,000 to 49,999	82 50	- 1	5 8	15 26	48 12	14	2
50,000 to 99,999	25 16	3 15	20 16	3 -	2 -	=	-
Hens and pullets of laying age farms	4 834 8 212 576	3 846 709	60 5 247 642	139 1 156 368	581 1 078 055	818 432 325	289 90 754
Pullets 3 months old or older not of laying age farms	487	7	10	13	43	76 47 534	23 23 369
number Hens and pullets sold farms number!	1 368 090 908 9 873 596	636 000 19 2 933 306	818 550 53 4 826 254	149 571 81 2 167 079	294 286 201 1 976 295	179 666 478	59 79 279
Broilers and other meat-type chickens	1 060		7	26	180	201	54
sold farms number Farms with	666 016	-	5 225	68 214	248 087	122 602	10 763
1 to 1,999	1 021 38	-	6	23	168 11	194 7	53 1
60,000 to 99,999	1	-	-	-	ī	-	-
Turkey hens kept for breeding farms number	345 71 889	24 850	7 34 370	6 10 522	32 19 399	35 6 384	12 82 10
Turkeys sold farms number	9 594 632	4 355 428	7 163 978	1 496 669	775 424	146 014	2 675
See footnotes at end of table.							

Table 52. Summary by Value of Agricultural Products Sold: 1987-Con.

Item						
	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
LIVESTOCK-Con.						
Hogs and pigs inventory farms	3 049 376 396	1 102 110 378	2 255 162 8 69	1 228 57 547	655 19 015	628 10 543
Farms with—	382	221	589	508	403	533
25 to 49 50 to 99	392 703	164 282	488 597	323 292	140 84	54 26 10
100 to 199 200 to 499	1 006 527	315 111	443 128	79 24	23	10
500 or more	39	9	10	_2	-	1
Used or to be used for breeding farms number	2 261 59 138	788 17 645	1 629 28 801	803 10 844	378 3 889	281 2 045
Other farms	2 864 317 258	1 012 92 733	2 024 134 068	1 089 46 703	565 15 126	561 8 498
Hogs and pigs sold farms number	3 281 613 829	1 176 164 614	2 492 263 726	1 404 83 540	739 23 718	607 9 034
\$1,000 Feeder pigs farms	54 811 924	14 379 327	21 758 800	6 643 457	1 936 217	653 147
number \$1,000	228 939 9 982	64 079 2 796	119 311 4 964	40 693 1 653	10 538 408	4 495 145
Litters of pigs farrowed between —	0.000		. 750			
Dec. 1 of preceding year and Nov. 30 farms number	2 398 80 370	842 22 332	1 758 35 094	905 12 467	441 3 774	325 1 813
Dec. 1 and May 31 farms number	2 155 40 753	726 10 654	1 497 17 318	740 6 135	354 1 772	232 763
June 1 and Nov. 30 farms number	2 098 39 617	734 11 678	1 495 17 776	750 6 332	343 2 002	253 1 050
Sheep and lambs of all ages inventory farms	889	377	1 047	751	720	1 119
number Ewes 1 year old or older farms	40 898 829	16 833 348	43 601 974	27 765 699	22 070 681	25 059 1 045
number	27 501	11 375	29 126	18 511	15 350	16 934
Sheep and lambs sold farms number	897 36 617	383 15 249	1 058 36 486	762 23 828	754 18 632	1 113 18 112
Sheep and lambs shorn farms number	828 37 102	353 15 456	974 40 403	683 25 470	680 20 199	1 009 20 425
pounds of wool	258 607	109 690	289 375	176 585	142 773	141 376
Horses and ponies inventory farms number	967 4 453	453 2 356	1 224 5 989	1 019 4 716	849 4 864	2 603 15 383
Horses and ponies sold	172 660	93 336	260 1 391	232 839	255 948	658 1 644
Goats inventory farms number	82 417	41 171	147 1 187	106 1 190	114 592	288 1 417
Goats soldfarms number	30 202	17 135	47 463	44 532	41 317	90
POULTRY						
Chickens 3 months old or older inventory farms	495	247	643	483	409	706
Farms with—	61 690	36 693	73 918	26 838	19 485	23 588
1 to 399 400 to 3,199	468 25	230 15	615 26	475 8	406 3	705 1
3,200 to 9,999 10,000 to 19,999	2	2	1 -	-	-	
20,000 to 49,999 50,000 to 99,999	-	-	1		-	-
100,000 or more	-	-	-	-	-	-
Hens and pullets of laying age farms number	489 50 221	243 25 595	636 67 480	476 24 892	406 17 600	697 21 644
Pullets 3 months old or older not of laying age	45	30	82	35	45	85
number Hens and pullets soldfarms	11 469 76	11 098 20	6 438 85	1 946 50	1 885	1 944
number	44 982	9 982	58 493	24 468	8 917	11 369
Broilers and other meat-type chickens sold farms	139	39	122	94	66	132
Farms with —	47 218	31 015	49 041	37 390	17 200	29 261
1 to 1,999 2,000 to 59,999	135	37 2	119	89 5	65	132
60,000 to 99,999 100,000 or more	-	-	-	-	-	
Turkey hens kept for breeding farms	22	14	60	40	35	79
Turkeys sold farms Turkeys sold farms	141 20	81	63 295	123 27	137 23	355 37
number_	1 957	14 3 817	31 1 930	766	806	596

Table 52. Summary by Value of Agricultural Products Sold: 1987-Con.

[For meaning of abbreviations and symbols, see introd	uctory text]						
ltem		\$500,000	or more				
цөш	All ferms	\$1,000,000 or more	Totel	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
CROPS HARVESTED							
Corn for grain or seedarmsacresbushels Imgatedfarms	83 301 10 147 051 1 274 388 346 453	355 198 924 27 540 609 9	1 447 646 129 89 062 449 	4 674 1 488 025 199 858 360 59	19 346 3 745 295 484 040 183 152	19 422 2 330 766 285 227 084 106	5 472 473 337 55 548 106 14
Farms by acres hervested:	62 099	3 275	7 527	14 068	22 668	11 865	1 135
1 to 24 acres 25 to 99 acres 100 to 249 ecres 250 to 499 acres 500 acres or more	11 524 35 088 27 186 7 726 1 777	20 67 110 154	10 67 341 552 477	29 291 1 708 1 897 749	184 3 535 10 803 4 295 529	468 7 671 10 370 892 21	287 3 445 1 692 47 1
Corn for silage or green chop ferms ecres tons, green larms acres	7 934 205 176 3 251 394 7	166 21 306 367 008	554 45 290 741 211 2 (D)	1 020 36 058 585 842 1 (D)	2 733 62 508 995 969 3 30	1 912 35 674 545 036	448 7 469 114 794
Farms by ecres harvested: 1 to 24 acres	5 508 2 112 265 41 8	12 74 54 20 6	112 291 115 28 8	483 471 64 2	1 900 782 45 6	1 559 320 29 4	372 70 5 1
Sorghum for grain or seed ferms	108 4 376 334 779 - -	2 (D) (D) -	5 1 054 113 634 -	12 658 42 629	19 952 67 145 - -	20 763 47 100 -	9 171 13 478 - -
Wheat for grain farms_ acres bushels Imgated farms_	1 345 31 047 1 180 360 2	8 1 308 59 253	43 2 146 92 218 -	106 4 187 157 447	350 9 093 362 612	335 7 144 290 536	75 1 306 48 657 -
acres	(D) 998 307 33 5 2	3 2 2 7 1	32 7 2 1	- 64 34 5 2	(D) 238 99 12 1	245 81 8 1	61 13 1 -
Barley for grein farms acres bushels farms.	357 6 545 358 125 7 483	2 (D) (D) 1	11 504 37 100	31 797 47 303	127 2 477 142 340 1	91 1 360 73 935 3 136	22 382 17 936
Oats for grain ferms	25 398 544 907 30 918 660 16 484	81 4 122 285 268 1 (D)	(D) 441 17 791 1 104 722 1 (D)	1 692 51 245 3 329 158	7 479 184 147 11 213 962 5 104	6 651 140 264 7 826 649 4	1 646 32 886 1 696 417
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 ecres or more	18 021 7 125 238 13	29 44 7 1	189 226 21 4	909 737 44 2 -	4 732 2 651 92 4	4 724 1 871 54 2	1 233 401 11 1
Soybeans for beans	68 278 7 903 395 326 081 351 221 20 304	267 84 112 3 838 016	1 192 348 152 15 645 862 5 597	4 049 1 016 622 44 961 652 23 4 322	16 626 2 983 540 126 485 910 70 8 074	16 600 2 001 183 80 319 767 62 4 884	4 607 397 607 15 543 422 8 361
Farms by ecres hervested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 ecres 500 acres or more	10 200 28 626 22 245 6 197 1 010	(D) 8 58 93 60 48	38 220 414 321 199	149 774 1 454 1 192 480	732 4 013 7 701 3 863 317	1 009 5 849 8 952 777	411 2 391 1 780 24
Irish potatoes farms ecres cwt Irrigated ferms	104 1 998 336 981 20	-	1 (D) (D) 1	9 (D) 9	17 315 58 008 5	7 74 16 712 2	3 53 1 060
ecres	1 158	-	(D)	388	212	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ferms acres tons, dry_ lrrigeted	48 271 1 968 207 5 612 944 45	231 29 864 102 845 2	916 92 664 305 925 5	2 643 185 152 589 645 3	10 866 605 489 1 873 786 10	10 417 456 522 1 320 346	2 871 104 773 282 366 2
Farms by acres harvested: 1 to 24 ecres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	1 216 22 645 21 233 4 085 278 30	(D) 23 97 94 13 4	134 422 306 43 11	60 688 1 302 591 56 6	271 3 487 5 612 1 636 121 10	82 4 041 5 397 940 37 2	(D) 1 271 1 450 147 3
Alfaifa hay ferms ecres tons, dry_ Irrigated ferms	41 883 1 380 550 4 444 233 31	157 15 775 64 915	683 50 274 199 593 3	2 277 118 788 436 723 3	9 757 423 228 1 493 306 8	9 370 336 417 1 089 161 3	2 546 76 737 230 644 1
acres	641	(D)	222	60	126	64	(D)

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

(For meaning of abbreviations and symbols, see introduct						
Itam	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Lass than \$2,500
CROPS HARVESTED						
Corn for grain or saad farms acres bushels	10 402 701 510 80 519 853 47	4 205 223 746 24 817 180	9 317 364 573 38 947 757 23	4 780 118 740 11 577 187	2 190 35 582 3 189 147 3	2 046 19 348 1 601 040
Irrigated farms acras Farms by acras harvested:	3 388	271	804	314	35	2.
1 to 24 acras	832 7 854 1 681 35	552 3 323 325 5	2 626 6 452 237 2	2 781 1 971 27 1	1 799 389 2 - -	1 956 90 -
Corn for silage or green chop farms acras tons, green Irrigated farms acras	584 9 198 141 675 -	186 2 524 41 468	305 4 137 51 201	103 1 284 20 390 1 (D)	42 492 5 731	4 54 8 07
Farms by acras harvastad: 1 to 24 acras	491	159	265	88	37	42
25 to 99 acras	89 4 - -	27	38 2 - -	15 - - -	5 - - -	:
Sorghum for grain or saad farms	10 350	4 49	15	3 139	7 78	46
acres bushals Irrigatadfarms acres	29 185	4 840 - -	116 7 393	4 480 - -	3 363 - -	1 532
Whaat for grain farms	119 1 983	44 690	140 2 123	83 1 600	26 506	24 269
bushels Irrigated farms acres	71 332	21 700	68 987	48 334 - -	12 344	6 193
Farms by acres harvested: 1 to 24 acres	94	38	120	63	22	2.
25 to 99 acres 100 to 249 acres	25	6 -	19	17 3	3 1	
250 to 499 acras	-	-	-	-	Ξ	-
Barlay for grainfarms acras	23 394	10 135	24 291	7 101	3 37	67
bushals Irrigatedarms acras	16 694 1 (D)	3 290 1 (D)	13 375	2 750 - - -	1 830 - -	1 572
Oats for grain	2 755 50 530 2 610 791 4	975 16 227 820 702 -	2 093 32 427 1 484 601 1	918 11 744 509 920	368 4 043 174 377	380 3 603 147 361
Farms by acras harvastad:	62	789	(D)	(D) 821	341	360
1 to 24 acras 25 to 99 acras 100 to 249 acras	2 152 592 11	186	1 771 319 3	96 1	26 1	20
250 to 499 acres 500 acres or mora	-	-	-	=	=]
Soybeans for beans farmsacres	8 729 587 865	3 374 177 101	7 360 280 824	3 335 79 477	1 419 21 784	987 9 240
bushels Irrigated farms	22 761 932 22 1 229	6 552 007 4	10 207 618 14	2 651 975 9	682 237 3	268 969 1 (D
Farms by acras harvasted: 1 to 24 acras	1 021	170 597	445 2 108	194 1 986	(D) 1 205	944
25 to 99 acras 100 to 249 acras 250 to 499 acras 500 acras or mora	6 144 1 548 16	2 546 227 4 -	5 097 155 - -	1 335 14 - -	214 - - -	43
Irish potatoes farms acres	7 10	4 3	15 65	24 24	8 7	\$ 5
cwl Irrigatad farms acras	753 1 (D)	626 - -	12 539 5 20	5 539 2 (D)	1 301	361
Hay - alfalfa, other tama, small grain, wild, grass silage, graen chop, atc. (see text) farms acras	5 289 177 605 460 690	2 101 66 495	5 078 140 792 331 838	3 138 69 555	1 901 31 980 65 569	3 051 37 180 66 861
tons, dry Irrigated farms acras	460 690 7 136	163 507 1 (D)	331 838 5 5 95	152 411 1 (D)	1 (D)	66 86 (D
Farms by acres harvasted: 1 to 24 acres	2 628	1 084	2 966	2 131	1 498	2 717
25 to 99 acras 100 to 249 acras 250 to 499 acras 500 acras or mora	2 433 218 10	940 76 1 -	1 982 123 6 1	975 31 1 -	394 9 - -	326 8 - -
Alfalfa hay farms acres	4 575 129 976	1 793 48 760	4 259 98 820	2 595 49 073	1 529 21 997	2 499 26 480
tons, dry lrrigated tarms acres	377 888 3 64	132 618 1 (D)	261 468 4 53	119 792	50 665 1 (D)	52 375 4 (D)

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

	\$500,000 or more						
ltem .	All farms	\$1,000,000 or mora	Total	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
CROPS HARVESTED - Con.							
Vagatables harvested for sale (see text) ferms acres	64 11	1	3 1	5 5	23 2	16 3	3 -
Irrigeted farms acres	2 80	-	1	-	1 6	- 8	3
Farms by acres harvested: 0.1 to 4.9 acres 5.0 to 24.9 acres	104	-	(D)	-	3	5	2
25.0 to 99.9 ecres	10 30	- 1	1	-	(D) 6	2 5	- 1
250.0 acres or more	236	(D)	(D)	-	187	2	(D)
Land in orchards farmsacres	21	- 1	- 1	-	9 -	3 -	2
Irrigated farms ecres	458	2	3	12	- 35	38	15
Farms by bearing and nonbearing acres: 0.1 to 4.9 acres 5.0 to 24.9 acres	2 488 11 270 927	(D)	243 108 000	35 75 455	493 5 163 082	212 1 286 174	96 670 000
25.0 to 99.9 acras 100.0 to 249.9 acres 250.0 acres or more	77 29 18 728	- - -	-	1 (D) (D)	8 16 13 805	8 2 1 085	2 (D) (D)

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

ltem	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
CROPS HARVESTED—Con.						
Vegetables harvested for sale (see text) farms acres. Irrigated farms acres. Farms by acres harvested: 0.1 to 4.9 acres 25.0 to 99.9 acres 100.0 to 24.9 acres 250.0 acres or more	5 - - (D) - - 1 (D)	2 - 6 (D) - 2 (D)	7 - 13 35 3 2 5 4	- - 19 43 2 (D) 2 (D)	- 16 7 4 1 6	- - - 7 4 - - 1 (D)
Land in orchards	1 - 35 169 1 273 320 7 1 1 485	3 - 21 189 558 381 2 (D)	2 - 37 209 744 034 4 1 1 301	1 - 63 292 705 962 6 6 2 1 835	- - 61 200 469 046 14 4 460	138 352 217 473 25 4 707

Data are based on a sample of farms. Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 53. Summary by Standard Industrial Classification of Farm: 1987

			F	eld crops, except	cash grains (01	3)		
ltem	Total	Cash grains (011)	Totel	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar baets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
FARMS AND LAND IN FARMS								
Farms number percent Lend in farms acres Average size of farm acres	105 180 100.0 31 638 130 301	50 200 47.7 18 137 472 361	1 451 1 4 131 518 91	-	- - -	1 451 1.4 131 518 91	213 .2 15 931 75	195 .2 7 090 36
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text)	105 180 8 926 799 84 872	50 200 3 142 700 62 604	1 451 10 682 7 362	-	-	1 451 10 682 7 362	213 5 687 26 698	195 2 713 13 912
Farms by value of sales: Less than \$1,000 (see text) \$1,000 to \$2,499 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999	3 782 5 017 5 498 8 252 12 427	593 1 746 2 009 3 735 7 057	535 317 222 173 109	-	-	535 317 222 173 109	22 25 46 41 37	63 26 34 26 14
\$20,000 to \$24,999 \$25,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999	5 009 11 756 5 996 20 656 20 200	3 063 7 326 3 647 11 391 8 263	21 40 10 15 5	-	-	21 40 10 15 5	5 8 4 9 14	7 8 4 6 7
\$250,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 or more	4 957 1 220 410	1 241 115 14	2 1 1	-	-	1 1	1 -	- -
Grains	81 042 3 563 323 23 982 2 507 136	50 170 2 640 347 18 341 1 986 397	354 1 982 3 419	-	-	354 1 982 3 419	55 622 6 392	22 90 -
Corn for grain farms	72 356 1 961 527	48 145 1 464 171	257 1 408	-	-	257 1 408	32 376	12 60
Wheat	1 188 2 726 68 166	639 1 796 44 666	11 6 108	-	- - -	11 6 108	3 11 32	- - 7
\$1,000 Sorghum for grain farms	1 573 168 57	1 159 681	447	-	-	447	220	27 -
\$1,000 Barley farms \$1,000	477 81 116	279 25 44	(D) 1 (D)	-	- - -	(D) (1 (D) (100 (D) (100 (D) (100 (D)	5	- - 3
Oals farms \$1,000 Other grains farms \$1,000 In farms \$1,000 Other grains farms \$1,000 Other grains farms S1,000 Other grains S	11 842 19 604 677 5 705	5 754 10 192 385 4 183	100 95 4 22	-	-	95 4 22	5 11 10	1 4
Cotton and cottonseedfarms			-	-	<u>-</u>	-	-	=
Sales of \$50,000 or more farms \$1,000	-	-	-	-	-	-	-	-
Tobacco	- - -	-	-	-	-	- - -	-	-
\$1,000 Hay, silage, and field seedsfarms	12 947	5 599	1 434	-	-	1 434 6 811	21 20	2 (D)
\$1,000 Sales of \$50,000 or more farms \$1,000	46 480 30 3 365	17 668 3 209	6 811 10 1 821	-	-	10 1 821	-	
Vegetables, sweet corn, and melons farms	596 7 541 30	144 800 4	9 256 2	-	-	9 256 2	213 4 760 20	37 151
\$1,000	4 384	(D) 48	(D) 10	-	-	(D) 10	3 247 28	155
\$1,000 \$1,000 \$1,000 \$1,000	2 853 13 1 390	107	1 -	-	- - -	1 - -	54 - -	2 410 12 (D)
Nursery and greenhouse crops farms	357 38 241	17 107	-	-	-	-	18 52	2 (D)
Sales of \$50,000 or more farms \$1,000	35 714	(D)	-	-	-	-	- - 18	- 2
Other crops	99 1 678 7	19 71 -	17 1 060 5	-	-	17 1 060 5	68	(D)
\$1,000 Poultry and poultry products farms	1 259 3 643 192 229	882 2 418	(D) 19 2	-	-	(D) 19 2	16 10	3 (Z)
\$1,000 Sales of \$50,000 or more	192 229 426 186 495	12 (D)	-	-	-	-	-	-
Dairy products	7 048 392 284 3 165	359 9 939 54	3 32 -	-	-	3 3 2 -	-	-
\$1,000 Cattle and calves farms_	294 998 50 509 2 124 641	4 200 13 738 203 429	- 117 402	-	-	- 117 402	15 62	- 11 51
\$1,000 Sales of \$50,000 or more farms_ \$1,000	2 124 641 7 178 1 590 392	203 429 668 56 011	402	-	- - -	402	-	-

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meening of ebbreviations end symbols, see introd	uctory text)							
			Livestock, excep and animal (02	specialties				
(tem								General farms,
	Horticultural specialties (018)	General farms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Deiry farms (024)	Poultry and eggs (025)	Animal specielfies (027)	primarily livestock and animal specialties (029)
FARMS AND LAND IN FARMS								
Ferms number percent eccent Lend in farms acres Average size of farm acres	278 .3 13 229 48	1 039 1.0 231 923 223	43 979 41.8 11 483 078 261	10 095 9.6 1 722 370 171	4 209 4.0 997 836 237	570 .5 72 274 127	1 601 1.5 64 967 41	1 445 1.4 482 812 334
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text)farms \$1,000 Average per farmdollars	27 8 3 8 520 138 562	1 039 37 276 35 876	43 979 4 946 285 112 469	10 095 274 761 27 218	4 209 392 666 93 292	570 196 398 344 558	1 601 14 105 8 810	1 445 139 787 96 725
Farms by value of sales: Less than \$1,000 (see text). \$1,000 to \$2,499 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999	4 25 24 33 32	432 17 27 78 94	1 015 2 474 2 909 3 985 4 708	598 1 149 1 589 2 135 1 996	10 11 15 37 230	70 58 24 18	802 309 171 110 89	238 9 17 16 48
\$20,000 to \$24,999 \$25,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999	15 20 14 35 40	43 86 38 123 84	1 650 3 679 1 816 7 144 9 860	527 829 267 519 329	145 458 368 1 459 1 331	7 10 9 71 119	18 26 17 37 12	35 95 68 366 465
\$250,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 or more	19 12 5	13 3 1	3 388 1 001 350	102 46 9	131 12 2	75 63 37	6 4 -	81 8 -
Grains	27 266 2	598 15 856 90	25 912 821 249 5 156	3 427 37 730 124	2 410 36 740 112	238 8 599 54	77 639 3	1 179 36 933 215
\$1,000 Corn for grain farms	(D) 13	8 706 547	480 660 19 934	12 114 2 826	7 937 2 049	5 454 213	(D) 59	16 805 1 085
\$1,000 Wheat farms	110 1	10 135 19	429 106 458	22 791 44	26 944 36	5 470 3	3 8 2 2	23 365 16
\$1,000 Soybeansfarms \$1,000	(D) 16 147	27 375 5 295	777 20 931 382 577	64 1 945 14 293	61 995 8 693	4 166 3 061	(D) 28 239	(D) 842 12 782
Sorghum for grain farms \$1,000	-	-	17 175	2 (D)	1 (D)	3 7	-	-
Barley farms \$1,000	-	2 (D)	32 41	7 (D)	17 22	(D)	- . .	2 (D)
Oats	(D)	166 373 7	4 807 7 332 225	472 481 24	626 (D) 27	36 51 2	14 (D)	(D) 325 636 12
\$1,000 Cotton and cottonseed farms	-	(D) -	1 240	71	118	(D) -	-	107
\$1,000 Sales of \$50,000 or more farms \$1,000	-	-	- -	-	-	-	=	-
Tobaccofarms	-	-	-	-	-	-	-	-
\$1,000 Sales of \$50,000 or more farms \$1,000	-	- - -	-	=	- - -	-	=	-
Hay, silage, and field seeds farms \$1,000	10 (D)	576 3 804	4 691 15 000	786 1 666	285 1 612	35 (D)	67 106	227 (D)
Sales of \$50,000 or more farms \$1,000	-	410	9 (D)	-	(D)	-	-	(D)
Vegetables, sweet corn, and melons farms \$1,000 Sales of \$50,000 or more farms	20 116	32 978	120 434	17 33	7 16	7 18	1	3 12
\$1,000	-	681	-	-	-	-	3	- 8
Fruits, nuts, and berries farms\$1,000 Sales of \$50,000 or more farms	9 69 1	19 51	76 138 -	17 18	12 11 -	5 3 -	1 -	6 -
\$1,000 Nursery and greenhouse crops farms	(D) 278	- 11	- 26	- 5	- 2	-	- 2	-
\$1,000 Sales of \$50,000 or morefarms \$1,000	37 952 110	54 - -	(D) -	7 -	(D) -	(D) -	(D)	_
Other cropsfarms	(D) 2	20	16	4	1	1	1	2
\$1,000_ Sales of \$50,000 or more farms_ \$1,000_	(D) - -	450 2 (D)	(D) - -	5 - -	(D)	(D) - -	(D) - -	(D) - -
Poultry and poultry products farms \$1,000	7 10	34 93	1 718 5 774	308 178	196 281	557 179 403	27 4	184 4 235
Sales of \$50,000 or morefarms \$1,000	-	1 (D)	28 3 769	=	-	355 177 866	-	30 3 337
Dairy products farms \$1,000_	-	43 1 452	1 356 52 969	133 2 632	4 204 279 956	16 453		1 087 47 484
Sales of \$50,000 or more farms \$1,000	-	12 904	407 33 943	13 949	2 324 226 248	325	-	364 29 379
Cattle and calves	7 16 -	432 5 906 18	30 696 1 845 295 6 326	9 877 215 725 728	4 184 46 686 77	95 1 654 5	46 219 1	1 168 20 821 83
\$1,000	-	1 271	1 519 908	122 774	5 986	(D) l	(D)	6 328

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

				Field crops, exce	ept cash grains (01	3)		
ltem	Total	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Insh potatoes; field crops, except cesh grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total sales (see text) Con. Hogs and pigs	38 638 2 494 231 15 528 2 058 777	8 525 258 587 1 631 140 600	32 60 -			32 60 -	6 24 - -	:
Sheep, lambs, end wool ferms \$1,000 Sales of \$50,000 or more farms \$1,000	8 922 46 157 77 21 114	2 934 7 936 2 (D)	58 40 - -	-		58 40 -	11 12 -	:
Other livestock and livestock products (see text)	3 417 17 139 60 8 848	698 1 292 2 (D)	65 36 - -	-	- - - -	65 36 - -	9 2 -	12 6
FARM PRODUCTION EXPENSES								
Total farm production expensesfarms	105 184 6 647 645 63 200	51 031 2 320 515 45 473	1 270 9 167 7 218	- - -	- - -	1 270 9 167 7 218	179 3 823 21 357	181 2 777 15 344
Livestock and poultry purchased	46 066 1 358 161 20 895 14 932 7 811	11 906 117 773 6 521 4 222 1 072	139 111 138 1	-	- - -	139 111 138 1	18 11 18 - -	12 (D 12
\$100,000 or more	2 428 64 752 1 101 866 31 369	91 18 064 98 927 12 405	260 133 259	-	-	260 133 259	25 61 25	29 17 29
\$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	22 076 9 846 1 461	4 940 710 9	1 -	- - -	- -	1 -		-
Commercially mixed formule feedsfarms \$1,000	33 282 475 104	8 160 37 379	77 37	-	=	77 37	12 2	22 (D
Farms with expenses of \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$79,999 \$80,000 or more	17 834 11 352 3 545 751	5 936 2 005 207 12	77 - - -	- - -	- - - -	77 - - -	12 - - -	22
Seeds, bulbs, plents, end trees ferms \$1,000	88 807 308 197	50 609 188 257	584 462	=	-	584 462	145 246	59 55
\$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	23 074 45 976 19 426 331	11 663 26 391 12 354 201	494 86 3 1	=	= = =	494 86 3 1	84 53 8 -	45 12 2
Commercial fertilizerfarms	83 067 467 355	47 195 277 859	544 600	=	-	544 600	124 320	75 34
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	51 929 29 100 1 788 250	28 889 17 005 1 150 151	532 10 1 1	- - -	-	532 10 1	109 13 2 -	75 - -
Agriculturel chemicelsfarms	86 631 309 894	48 351 196 180	566 449	-	-	566 449	157 661	128 189
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	66 563 19 490 514 64	35 278 12 679 360 34	556 8 2	- - -	- - - -	556 8 2	131 25 - 1	123 (-
Petroleum products ferms \$1,000	100 939 315 061	49 874 158 889	1 126 885	-	- -	1 126 885	173 205	169 154
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	81 446 19 169 274 50	40 096 9 660 103 15	1 107 17 1 1	- - -	-	1 107 17 1	165 7 1 1	166 3 -
Gasoline and gasohol	87 982 105 047 73 400 136 878 5 064 6 637	41 949 47 304 40 468 76 016 2 795 2 934	979 473 329 269 13	-	- - - - -	979 473 329 269 13	129 82 97 79 1 (D)	162 104 53 24 15 (D)
LP gas, fuel oil, kerosene, motor oil, grease, etc	86 862 66 500	44 077 32 634	552 139	-	_	552 139	112 (D)	107 (D)

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

			Livestock, excep and animal (02	specialties				
Item				De et e ente		D= 11-1	A	General farms, primarily livestock
	Horticultural specialties (018)	General tarms, primarily crop (019)	Total	Beaf cattla, excapt feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	and animal specialties (029)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con. Hogs end prgstarms \$1,000	3 63	263 8 433	27 686 2 166 392	1 013 14 947	1 278 26 962	82 5 978	20 42	743 27 691
Seles of \$50,000 or more tarms	-	47 5 094	13 497 1 882 243	64 7 232	126 9 485	5 108	=	193 16 248
Sheep, lambs, end wool farms	7 5 - -	64 144 - -	5 492 37 276 73 20 826	693 1 377 - -	193 277 - -	33 161 1 (D)	33 36 -	97 270 1 (D)
Other livestock and livestock products (see text) farms	6	28	1 282	339	119	22	1 081	95
\$1,000 Seles of \$50,000 or moretarms \$1,000	14 - -	54 - -	1 670 3 276	444 1 (D)	125 - -	25 - -	13 055 53 7 932	859 2 (D)
FARM PRODUCTION EXPENSES ¹								
Total farm production expenses	264 24 660 93 410	1 191 32 421 27 221	43 266 3 706 122 85 659	10 092 225 483 22 343	4 142 267 514 64 586	601 166 337 276 767	1 575 15 416 9 788	1 484 98 892 66 639
Livestock and poultry purchased farms	2	406	29 418	4 393	2 148	551	542	924
\$1,000 Farms with expenses of— \$1 to \$4,999	(D)	2 986 225	1 179 581	75 029 2 699	17 233	27 020 227	2 725 413	10 704
\$5,000 to \$24,999 \$25,000 to \$99,999 \$100,000 or more	1 -	163 16 2	9 158 6 328 2 260	1 207 349 138	802 131 3	125 136 63	108 18 3	352 110 6
Feed for livestock and poultry farms \$1,000	18 9	623 3 703	38 773 818 313	7 630 29 496	4 053 63 043	565 95 348	1 050 2 652	1 292 19 661
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	18	447 156	15 657 13 801	6 610 865	880 2 486	224 26	989 38	436 628
\$25,000 to \$99,999 \$100,000 or mora	-	19	8 093 1 222	131 24	662 25	131 184	19 4	212 16
Commercially mixed formula feeds farms \$1,000	9 (D)	255 998	18 692 292 914	2 816 8 223	4 023 37 886	565 94 370	359 650	1 108 10 848
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	9	210 38	8 570 6 722	2 483 292	1 636 2 130	224 35	349	589 422
\$25,000 to \$79,999 \$80,000 or more		6	2 879 521	33 8	245 12	112 194	9	87 10
Seeds, bulbs, plants, and trees farms	180 3 582	770 i 1 719	30 957 99 919	4 982 5 741	3 728 8 893	257 631	218 132	1 300 4 300
Farms with expenses of — \$1 to \$999. \$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	75 39 52 14	339 352 76 3	8 950 15 635 6 264 108	3 461 1 333 186 2	925 2 432 370 1	106 120 30 1	190 23 5	203 833 262 2
Commercial fertilizer farms farms \$1,000	152 508	671 2 241	29 179 163 534	4 559 9 663	3 475 14 185	241 829	208 219	1 203 7 023
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999	131	527 140	18 048 10 437	4 062 481	2 550 908	195 46	199	674 514
\$25,000 to \$49,999 \$50,000 or more	1 2	4 -	600 94	12	15 2	-	-	15
Agnicultural chemicals farms	206 283	742 1 582	31 074 99 030	5 221 5 675	3 522 6 965	287 646	350 123	1 248 3 786
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	191 15 -	651 89 - 2	24 829 6 069 149 27	5 024 190 6	3 203 317 2 -	253 33 1	344 6 -	1 005 243 -
Petrolaum products farms	244	1 066	41 197	9 309	4 059	518	1 122	1 391
\$1,000 Farms with expenses of — \$1 to \$4,999	1 412	2 026	128 686 32 991	10 585 8 989	13 787 3 245	3 029 400	773 1 115	5 216 1 000
\$5,000 to \$24,999 \$25,000 to \$49,999 \$50,000 or more	35 11 5	95 3 -	8 047 134 25	315 5 -	809 5 -	101 13 4	5 2 -	390 1 -
Gasoline and gasoholfarms	224 448	957 846	37 095 46 962	8 188 5 618	3 773 5 812	432 676	1 009 504	1 273 1 836
Diesal tual	101 204 54	564 764 66	26 919 51 292 1 775	3 850 3 131 238	3 292 5 400 140	206 553 73	248 92 34	1 123 2 185 98
LP gas, fuel oil, kerosena, motor oil,	655 177	53	2 153 34 939	98 6 506	136 3 904	593 396	9 576	98
grease, etc	105		28 280	1 738	2 439	1 208	168	1 096

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

				Field crops, exce	pt cash grains (01	3)		
Item	Total	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
FARM PRODUCTION EXPENSES1 —Con.								
Total farm production expenses—Con. Electricity	90 255 126 591	42 529 46 601	700 272	-	-	700 272	93 34	119 88
Farms with expenses of — \$1 to \$999	47 918	24 872	640	-	-	640	86	91
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	39 358 2 896 83	17 063 587 7	59 1 -	- -	-	59 1 -	7 -	25
Hired farm leborfarms	49 121 282 515	22 717 87 238	252 433	-	-	252 433	76 695	82 449
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	37 600 8 880	18 662 3 314	248	-	-	248	57 9	66
\$25,000 to \$99,999 \$100,000 or more	2 443 198	713 28	3 1	-	-	3 1	9	5
Contract lebor farms \$1,000 Farms with expenses of _	8 078 21 032	3 830 8 303	91 102	- -	-	91 102	37 51	37 374
\$1 to \$999 \$1,000 to \$4,999	3 846 3 123	1 959 1 440	63 28	-	-	63 28	27 9	8 15
\$5,000 to \$24,999 \$25,000 or more	1 032 77	412 19	-	-	-	-	1 -	4 10
Repair and maintenance farms \$1,000	91 920 407 270	44 032 183 591	859 1 260	-	Ξ.	859 1 260	152 273	154 298
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	63 247 27 602	31 017 12 704	825 32	-	-	825 32	136 14	123 31
\$25,000 to \$49,999 \$50,000 or more	905 166	281 30	2	_]	2	2	-
Customwork, mechine hire, and rental of machinery and equipment	57 354 133 395	28 098 75 718	459 340	-	_	459 340	63 92	48 34
Farms with expenses of — \$1 to \$999	25 122	10 881	399	-	_	399	43	42
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	25 700 6 238 294	13 379 3 631 207	57 1 2	-	=	57 1 2	17 3 -	5 1 -
Interest expensefarms \$1,000	67 262 579 338	32 571 266 099	460 1 185	-	=	460 1 185	88 321	110 287
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	37 493 24 442	18 164 12 091	411 48	-	-	411 48	80	98 12
\$25,000 to \$99,999 \$100,000 or more	5 121 206	2 245 71	1 -	-	=	1 -	3 -	-
Secured by real estate farms \$1,000	44 371 390 226	20 463 182 811	335 946	-	=	335 946	51 240	91 248
Farms with expenses of — \$1 to \$999	6 684	2 635	63	_	_	63	15	24
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	16 369 17 889 3 429	7 493 8 761 1 574	233 38 1	-	-	233 38 1	29 5 2	57 10
Not secured by real estate farms\$1,000	41 208	20 529	208	-	<u>-</u>	208 239	48 82	46 39
Farms with expenses of—	189 113	83 289	239	-	_	239	62	33
\$1 to \$999 \$1,000 to \$4,999	13 476 16 664	6 438 8 967	155 44	-	-	155 44	29 17	34 11
\$5,000 to \$24,999 \$25,000 or more	10 034 1 034	4 818 306	9 -	-	-	9	2	1
Cash rent	41 375 492 800	22 564 293 411	165 637	Ī.	-	165 637	47 362	13 21
\$1 to \$4,999 \$5,000 to \$9,999	15 835 8 684	7 776 4 956	117 41	-	-	117 41	39 3	11 2
\$10,000 to \$24,999 \$25,000 or more	11 593 5 263	6 469 3 363	6	-	-	6	3	=
Property taxesfarms	87 431 230 810	40 077 119 547	1 165 1 261	-	-	1 165 1 261	157 227	173 171
Ferms with expenses of — \$1 to \$4,999 \$5,000 to \$9,999	75 206 9 596	33 397 5 172	1 155 7	-	-	1 155 7	146 11	166 7
\$10,000 to \$24,999 \$25,000 or more	2 474 155	1 427 81	3 -	-	-	3	=	-
All other farm production expenses farms \$1,000	101 919 513 358	49 409 202 123	1 060 1 037	-	-	1 060 1 037	148 263	159 599
\$1 to \$4,999 \$5,000 to \$24,999	73 591 25 444	37 595 10 896	1 053 3	-	- -	1 053 3	139 7	137 17
\$25,000 to \$49,999 \$50,000 or more	2 166 718	749 169	2 2	*		2 2	2	4

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

			and animal	pt dairy, poultry, specialties 21)				
Item	Horticultural specialties (018)	General tarms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Dairy terms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and enimal specialties (029)
FARM PRODUCTION EXPENSES ¹ —Con.								
Total farm production expenses —Con. Electricity	212	841	38 753	8 147	4 059	532	1 059	1 358
\$1,000 Farms with expenses of — \$1 to \$999	664 120	815 584	61 344 19 518	5 058 6 875	10 842 492	2 529 227	507 953	2 894
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	69 14 9	237 20 -	17 430 1 754 51	1 225 47 -	3 256 309 2	192 99 14	95 11 -	925 98 -
Hired farm labor farms \$1,000	167 9 331	364 1 763	21 240 151 928	3 025 6 596	2 721 14 460	308 11 088	368 1 016	826 4 113
Ferms with expenses of— \$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$29,999	74 24 50	269 87 7	15 201 4 473 1 445	2 736 233 54	1 914 704 100	155 62 69	331 21 15	621 177 27
\$100,000 or more	19	97	3 344	614	297	106	93	74
\$1,000 Farms with expenses of — \$1 to \$999	92 6 13	91 9	9 204	699 412	636 142	1 066	84	194
\$1,000 to \$4,999 \$5,000 to \$24,999 \$25,000 or more	35 16 8	16 3	1 339 522 28	172 29	134 18 3	35 47 9	23	49
Repair and maintenance farms \$1,000	211 1 176	948 2 778	38 696 183 412	8 220 14 525	3 970 22 299	498 3 315	1 057 1 335	1 343 7 534
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	141 59	775 168	25 939 12 106	7 517 687	2 212 1 717	353 121	1 016 32	710 618
\$25,000 to \$49,999 \$50,000 or more	5 6	1	538 113	15 1	35 6	17 7	9 -	12 3
Customwork, machine hire, and rental of machinery and equipment farms \$1,000	69 136	500 881	23 737 46 955	4 452 4 955	2 962 6 403	203 545	338 154	877 2 137
Farms with expenses of \$1 to \$999 \$1,000 to \$4,999	55 8	273 176	11 577 9 958	3 062 1 242	1 148 1 510	128 44	296 39	280 507
\$5,000 to \$24,999 \$25,000 or more	5 1	51 -	2 129 73	143 5	298 6	27 4	3 -	89
Interest expense	148 1 837	602 3 686	27 846 259 382	4 808 18 116	3 122 28 907	384 4 322	796 2 524	1 135 10 788
\$1 to \$4,999 \$5,000 to \$24,999 \$25,000 to \$99,999	118 12 17	366 209 27	15 381 9 909 2 435	3 829 897 77	1 410 1 469 237	235 102 42	696 87 12	534 498 102
\$100,000 or more	131	379	121	5	6	5	1	1
\$1,000	775	2 235	19 229 170 279	3 349 12 250	1 961 19 049	284 3 097	587 2 098	860 8 448
Farms with expenses of — \$1 to \$999 \$1,000 to \$4,999	28 78	73 162	3 330 6 940	1 110 1 529	173 649	80 88	165 354	98 286
\$5,000 to \$24,999 \$25,000 or more	18 7	132 12	7 399 1 560	664 46	993 146	86 30	56 12	391 85
Not secured by real estate farms \$1,000	53 1 063	381 1 450	16 725 89 103	2 450 5 866	2 072 9 857	188 1 225	378 426	580 2 340
Farms with expenses of— \$1 to \$999 \$1,000 to \$4,999	26 9	157 141	5 632 6 180	1 355 834	525 866	64 71	243 123	173 235
\$5,000 to \$24,999 \$25,000 or more	11 7	75 8	4 288 645	232 29	629 52	42 11	12	167 5
Cash rent	42 195	310 3 426	15 344 169 848	1 717 7 261	1 891 15 834	125 1 144	158 210	716 7 712
\$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999	31 7 3	129 65 81	6 371 2 996 4 283	1 321 199 159	883 427 495	57 28 31	154 3 1	267 156 222
\$25,000 or more	1 242	35 1 079	1 694 37 838	38 9 243	86 3 341	9 556	1 409	71 1 294
\$1,000 Farms with expenses of — \$1 to \$4,999	567 227	1 840 1 023	91 712 33 174	13 522 8 904	8 954 2 957	1 567 477	1 047 1 393	3 916 1 091
\$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 or more	8 5 2	42 12 2	3 768 935 61	297 38 4	343 39 2	53 21 5	13 3 -	172 29 2
All other farm production expenses farms	242 4 023	1 035 2 683	42 347 243 273	9 618 18 562	4 142 35 074	574 13 256	1 368 1 913	1 435 8 913
Farms with expenses of — \$1 to \$4,999 \$5,000 to \$24,999	167 35	878 144	29 219 11 598	8 922 644	1 908 1 966	407 117	1 335 18	753 643
\$25,000 to \$49,999 \$50,000 or more	28 12	10	1 069 461	32 20	235 33	24 26	11 4	32 7

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

				Field crops, exce	pt cash grains (0	13)		
ltem	Total	Cash grains (011)	Total	Cotton (0131)	Тоbассо (0132)	Sugarcane and suger beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT ¹								
All farmsnumber \$1,000	105 184 2 146 997	51 031 847 694	1 270 -535	-	-	1 270 -535	179 1 383	181 140
Averege per fermdollars	20 412	16 611	-421	-	-	-421	7 726	775
Farms with net gains ² number_ Average net gaindollars_	74 987 31 660	37 205 25 738	434 5 280	-	-	434 5 280	118 13 238	47 14 148
Gain of — Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 767 22 906 33 147 14 167	2 103 12 504 17 076 5 522	166 227 38 3	- - -	-	166 227 38 3	32 41 34 11	6 24 14 3
Farms with net lossesnumber_ Average net lossdollars_	30 197 7 521	13 826 7 947	836 3 381	-	- -	836 3 381	61 2 936	134 3 915
Loss of— Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999 \$50,000 or more	4 943 18 984 5 889 381	2 084 8 358 3 209 175	204 601 31	- - -	-	204 601 31	16 43 2	34 94 6
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments farms farms	75 203 1 153 713	43 203 719 750	354 2 012	-	-	354	47	15
Other farm-related income ¹ farms farms \$1,000	30 370 132 008	14 885 65 992	297 1 274	-	-	2 012 297 1 274	342 46 123	47 35 212
Customwork and other agricultural services	15 001	8 162	87	-	-	87	27	-
\$1,000 Gross cash rent or share payments farms_	61 977 8 633	36 200 3 649	204 183	-	-	204 183	(D) 19	33
\$1,000 Forest products and Christmas trees farms \$1,000	58 000 710 1 876	24 145 224 487	1 052	-	-	1 052	93	211
Other farm-related income sources farms_ \$1,000_	11 908 10 156	5 746 5 160	42 18	-	-	42 18	1 (D)	- 7 1
COMMODITY CREDIT CORPORATION LOANS								
Total farms \$1,000	51 178 1 598 775	31 844 1 090 245	59 693	-	-	59 693	17 294	5 46
Corn farms \$1,000	50 551 1 298 123	31 513 866 827	59 624	-	-	59 624	17 234	4 (D)
Wheat	61 127 14 094	35 (D) 9 910	2 (D) 4	-	-	(D)	- 6	-
\$1,000	298 747	223 213	(D)	-	-	(D)	60	-
Sorghum, barley, and oatsfarms	190	49 105	-	-	-		-	-
\$1,000 Peanuts, rye, rice, tobacco, and honey farms	70	- 1	-		-		-	1
LAND IN FARMS ACCORDING TO USE	1 587	(D)	-	-	-	-	-	(D)
Total cropland farms	96 749	50 200	1 451	-	-	1 451	213	195
Harvested cropland tarms acres	27 290 868 92 878 20 484 178	16 333 632 50 200 12 688 908	93 785 1 451 62 399	-	-	93 785 1 451 62 399	12 208 213 9 613	3 984 195 2 553
Farms by acres harvested: 1 to 49 acres	17 548	6 601	1 089	_	_	1 089	177	187
50 to 99 acres	13 956 23 454	7 652 12 573	229 95	-	-	229 95	14 10	6
200 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	29 005 7 723 1 114 78	17 132 5 340 841 61	34 1 3 -	- - - -		34 1 3 -	11 - 1 -	1 - -
Cropland: Pasture or grazing only farms acres	36 766 2 283 547	12 881 759 494	359 12 133	-	-	359 12 133	30 505	36 607
In cover crops, legumes, and soil- improvement grasses, not harvested and not pastured farms	27 088	16 781	214	-	-	214	28	29
On which all crops failed farms acres	1 670 711 1 640 45 013	1 065 721 814 26 210	9 297 30 388	-	-	9 297 30 388	457 21 132	400 5 (D)
In cultivated summer fallow farms acres	844 45 160	358 21 128	10 382	-	-	10 382	4 166	(D) 3 (D) 31
Idle farmsacres	42 114 2 762 259	25 762 1 772 171	236 9 186	-	-	236 9 186	43 1 335	31 393
Total woodland tarms acres.	24 782 1 316 448	9 534 484 254	464 14 964	-	-	464 14 964	48 1 638	78 1 969
Woodland pastured	14 393 774 976 14 477 541 472	4 267 219 318 6 474 264 936	163 4 444 345 10 520	- - -	-	163 4 444 345 10 520	12 270 41 1 368	17 563 65 1 406

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

Noticial Security	[For meaning of abbrevietions and symbols, see introd	uctory text)							
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM WITH A CONTROL OF THE				and animal	specialties				
NET CASH RETURN FROM	Item								General farms
AGRICUTURAL SALES FOR THE FARM WITH A SALES		specialties	primarily crop	Total	except feedlots			specialties	pnmerily livestock and animal specialties
Annesigner famm. \$1,000. 10 846 7 7 908 1 066 272 32 80 10 155 77 92 908 2-21 14 94 90 90 90 90 90 90 90 90 90 90 90 90 90	AGRICULTURAL SALES FOR								
Farms with net general — unaber — 201	\$1.000				32 910	135 978	22 204	-2 116	38 660
Abstrage net glim				1					
Less Part 51,000	Averaga net gaindollars				10 650				
Form with nell losses	Less than \$1,000 \$1,000 to \$9,999 \$10,000 to \$49,999	58 58	193 170	8 955 12 762	3 068 1 129	545 2 152	63 116	123 41	173 686
Loss of Loss	Farms with net lossesnumber	63	748	12 166	4 740	358	314	1 314	377
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME GOVERNMENT PAYMENTS AND (strm. 19	Loss of – Less then \$1,000 \$1,000 to \$9,999	14 26	121 536	2 036 7 733	832 3 303	80 180	44 211	246 949	64 253 58
Cher farm-fielded income* \$1,000. 12 6 641 980 556 29 911 23 089 3 0.48 1450 16 666 16 060 17 07 17 07 18 0 18 07 18 0	GOVERNMENT PAYMENTS AND	-	9	175	16	2	10	8	2
Other farm-related income**	Government paymentsfarms					2 556 23 089			
Customorks and other agricultural services Stroke S	Other farm-related income1 farms	65	339	12 318	2 502	1 429	180	291	485
Gross cash rent or share payments tarms \$1,000 \$24	services farms	-		5 629	636				
Forest products and Christmas treesisme 57,000 56 19	Gross cash rent or share payments farms		91	4 091	1 482	152	115	175	83
Commont Common	Forest products and Christmas trees farms	27	19	342	135	68	1	16	13
Total	Other farm-related income sources farms	15	125	4 659	647	941	63	81	228
STORM									
Wheat	\$1,000		7 043	456 235	14 426	20 655	4 266	1 865	17 324
Soybeans	\$1,000	4 (D)	6 042	386 068	12 714				15 028
Strippin	\$1,000	- 2	(D)	(D)	7	112	38		
Cotton	\$1,000		996	70 045	1 686		795	59	1
Peanuts, rye, rice, tobacco, and honeyfarms	\$1,000	-			10	(D)	-	-	(D)
Total cropland	\$1,000 Peanuts, rye, rice, tobacco, and honey farms	=	-		4	-	=		=
Harvested cropland									
Farms by acres harvested: 1 to 49 acres. 258 481 7 773 3 391 371 99 414 98 50 to 99 acres. 5 173 8 427 200 to 499 acres. 1 to 199 acres. 1 to 199 acres. 1 to 199 acres. 5 173 8 427 200 to 499 acres. 1 to 199 acres. 1 to 199 acres. 1 to 199 acres. 1 to 200 to 499 acres. 1 to 313 100 to 199 acres. 1 to 313 100 to 199 acres. 1 to 313 1 to 49 acres. 1 to 313 1 to 49 acres. 5 173 8 427 200 to 499 acres. 1 to 313 1 concern the following acres. 1 to 313 1 concern the following acres. 2 to 3 to 490 2 to 492 3 to 3 to 490 3 to 490 4 to 490 4 to 490 4 to 500 4 to	acres	9 649	183 079	9 369 926	1 125 152	794 555	60 468	34 235	395 347
1 to 49 acres	acres					621 736			288 804
200 to 499 acres 6 6 182 10 061 482 956 62 11 549 500 to 999 acres 1 31 2 199 72 63 13 - 75 1000 to 1,999 acres 1 5 253 5 3 1 3 - 6 6 2,000 acres or more 1 1 5 253 5 3 1 1 - 6 6 2,000 acres or more 1 1 1 16 2 2 - 7 - 7 - 7 - 6 6 2,000 acres or more 1 1 1 16 2 2 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	1 to 49 acres50 to 99 acres	7	119	4 955	1 497	774	51	16	133
1,000 to 1,999 acres 1 5 253 5 3 1 - 6 6 2,000 acres or more 1 1 16 2 - 1 - 6 6 2,000 acres or more - 1 1 16 2 - 1 - 6 6 2,000 acres or more - 1 1 16 2 - 1 - 6 6 2,000 acres or more - 1 1 16 2 - 1 - 6 6 6 6 6 6 6 6 6	200 to 499 acres	6	182	10 061	482	956	62	11	549
Cropland: Pasture or grazing only	1,000 to 1,999 acres		5	253	5		1		6 -
improvement grasses, not harvested and not pastured	Cropland: Pasture or grazing onlyfarms acres								
Acres 564 12 190 530 471 99 198 23 060 4 851 5 106 18 594 On which all crops failed	improvement grasses, not harvested	24	230	8 728	1 560	545	96	94	
Acres 119 2 479 13 706 3 986 901 (U) 177 839	acres On which all crops failed farms	564 7	12 190 75	530 471 586	99 198 176	23 060 46	4 851 10	5 106 20	18 594 26
Idle farms 48 277 13 877 1 800 1 014 140 121 565 acres 1 144 15 467 877 813 109 368 41 236 6 855 6 324 30 335 Total woodland farms 53 384 11 531 3 587 1 779 92 374 445 acres 1 707 20 281 640 576 203 307 106 823 3 168 10 495 30 573 Woodland pastured farms 13 202 7 818 2 715 1 309 37 243 312 Woodland not pastured farms 44 250 5 834 1 515 952 66 177 229	acres In cultivated summer fallow farms	5	13	347	90	70	1	13	20
Total woodland farms 53 384 11 531 3 587 1 779 92 374 445 acres 1 707 20 281 640 576 203 307 106 823 3 168 10 495 30 573 Woodland pastured 13 202 7 818 2 715 1 309 37 243 312 Woodland not pastured 131 11 146 436 717 150 542 72 962 1 329 6 553 21 543 Woodland not pastured 14rms 44 250 5 834 1 515 952 66 177 229	ldle farms	48	277	13 877	1 800	1 014	140	121	565
Woodland pastured 13 202 7 818 2 715 1 309 37 243 312 Woodland pastured 131 11 146 436 717 150 542 72 962 1 329 6 553 21 543 Woodland not pastured 1 arms 44 250 5 834 1 515 952 66 177 229	Total woodlandfarms	53	384	11 531	3 587				445 30 573
Woodland not pastured farms 44 250 5 834 1 515 952 66 177 229	Woodland pastured farms acres	13	202 11 146	7 818 436 717	2 715 150 542	1 309 72 962	37 1 329	243 6 553	312 21 543
acres 1 576 9 135 203 859 52 765 33 861 1 839 3 942 9 030	Woodland not pastured farms acres		250			952 33 861	66 1 839	177 3 942	9 030

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

[For meaning of abbreviations and symbols, see introd	uctory text)					-		
		-		Field craps, exce	ept cash grains (01	(3)		
Item	Total	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.a.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
LAND IN FARMS ACCORDING TO USE—Con.								
Pasturelend and rangeland other than cropland and woodland pastured farms acres	22 415 1 452 248	8 271 461 744	294 11 242	-		294 11 242	27 695	14 165
Lend in house lots, ponds, roads, wasteland, etc	79 586 1 578 566	36 711 857 842	1 022 11 527	-	=	1 022 11 527	142 1 390	14 4 972
programs: Annual commodity acreage adjustment programs	69 141 3 560 902 8 050	41 793 2 342 848 4 055	180 3 489 114	-	- - -	180 3 489 114	22 637 14	5 98 5
acres Value of land and buildings1 farms	697 896 105 184	341 023 51 031	8 089 1 270	-	-	8 089 1 270	826 179	98 181
\$1,000 Average per tarm	29 829 901 283 597 947	17 697 612 346 801 971	109 784 86 444 1 034	- - -	=	109 784 86 444 1 034	22 797 127 358 1 574	18 531 102 381 3 124
Farms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$199,999	13 227 11 020 9 152 12 468 9 769	2 739 3 998 4 141 5 865 5 376	381 370 217 142 58	- - -		381 370 217 142 58	46 29 38 28 16	77 38 17 12 11
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 to \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 or mare	31 637 14 045 3 466 380 20	17 280 9 008 2 352 261 11	91 7 2 2	- - - -	- - - -	91 7 2 2 -	17 4 - 1	14 11 1 -
VALUE OF MACHINERY AND EQUIPMENT ¹								
Estimated market value of all machinery and equipment	104 901 5 543 375	50 858 2 947 752	1 247 19 925	-		1 247 19 925	179 4 188	181 3 209
Farms by value group: \$1 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	6 659 12 872 15 609 28 782 22 911	2 125 4 417 7 369 14 701 12 398	154 595 198 225 56	-	- - - -	154 595 198 225 56	33 62 29 33 12	35 44 56 35 8
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	14 193 3 763 112	7 708 2 085 55	16 3	-	-	16 3 -	8 2 -	3 - -
SELECTED MACHINERY AND EQUIPMENT ¹								
Motortrucks, including pickups farms number	93 674 143 433	45 426 72 811	1 059 1 234	-	-	1 059 1 234	122 230	162 240
Wheel tractors	97 120 302 392 48 200 79 062 85 755 223 330	47 718 152 270 22 751 37 782 44 087 114 488	1 098 2 237 647 1 120 700 1 117	-	-	1 098 2 237 647 1 120 700 1 117	162 377 115 182 89 195	145 283 97 136 69 147
Grain and bean combines farmsnumber	55 575 60 004	32 261 35 036	222 263	-	-	222 263	36 37	9 11
Cottonpickers and strippers	29 756 31 333 40 640 46 867	10 608 11 257 15 395 17 304	371 388 461 511	-	-	- 371 388 461 511	- 18 21 18 18	- 41 41 15 15
AGRICULTURAL CHEMICALS					:			
Commercial fertilizer	83 051 13 313 702 17 823 1 219 181 2 846 408	47 195 8 080 072 7 761 594 973 1 355 409	544 23 874 120 3 967 9 085	-	- - - -	544 23 874 120 3 967 9 085	124 8 093 8 469 1 453	75 828 - - -
control— Insects on hay and other crops tarms_ acres on which used_ Nematodes in crops farms_	41 361 4 910 343 2 548	21 463 2 723 576 1 232	230 8 423 9	- - -	- -	230 8 423 9	105 3 953 3	104 1 551 5
acres on which usedlarmslarmslarms	267 277 1 330 112 420 70 486	137 649 672 60 450 40 911	360 1 (D) 357	-	-	360 1 (D) 357	121 60 2 167	50 88 1 547 60
acres on which used Chemicals for defoliation or for growth	14 709 093	9 795 276	23 760	-	-	23 760	7 271	804
control of crops or thinning of fruit farms acres on which used See footnotes at end of table.	1 066 120 779	617 70 960	1 (D)	-	-	1 (D)	15 286	12 323

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meening of ebbreviations and symbols, see introd	luctory text]					,		
V V			Livestock, excepand animal (02	specialties				
Item								General farms,
	Horticultural specialties (018)	Ganeral farms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	primarily livestock and animal specialties (029)
LAND IN FARMS ACCORDING TO USE—Con.								
Pestureland end rangeland other than cropland end woodland pastured farms acres	14 290	268 15 114	11 400 863 449	3 393 292 156	1 139 52 488	87 2 434	482 11 451	419 33 176
Lend in house lots, ponds, roads, westeland, etc. farms_acres_	168 1 583	780 13 449	34 563 609 127	7 413 101 755	3 196 43 970	484 6 204	1 253 8 786	1 123 23 716
Croplend under federal acreage reduction programs: Annuel commodity acreage adjustment	10	434	23 135	2 420	2.266	190	40	076
programs	10 183 6 372	17 185 109 9 884	1 080 861 3 269 296 884	2 420 52 905 1 083 105 459	2 366 63 763 180 12 142	180 8 880 32 1 513	40 1 075 90 7 318	976 41 883 176 19 747
Velue of land and buildings1 farms	264 49 137	1 191 227 775	43 266 10 081 680	10 092 1 111 525	4 142 928 172	601 126 631	1 575 111 226	1 484 456 556
Average per farmdollars Average per acredollars	186 125 3 855	191 247 913	233 016 895	110 139 666	224 088 915	210 700 1 781	70 620 1 966	307 652 928
Farms by value group: \$1 to \$39,999 \$40,000 to \$69,999 \$70,000 to \$99,999 \$100,000 to \$149,999 \$150,000 to \$149,999	81 35 53 28 11	198 230 162 157 76	8 416 5 590 3 775 5 099 3 307	2 923 2 309 1 433 1 539 547	350 255 364 695 594	141 115 105 51 38	767 296 196 157 58	31 64 84 234 224
\$200,000 ta \$499,999 \$500,000 ta \$999,999 \$1,000,000 ta \$1,999,999 \$2,000,000 to \$4,999,999 \$5,000,000 ar mare	33 15 6 1	288 48 30 2	11 563 4 395 1 007 108 6	1 074 184 76 7	1 562 292 29 1	83 51 12 4 1	72 27 2 - -	634 187 25 - 1
VALUE OF MACHINERY AND EQUIPMENT ¹								
Estimated market value of all machinery and equipmentfarms\$1,000	264 10 764	1 152 34 882	43 218 2 122 541	10 050 220 411	4 142 255 363	601 35 516	1 575 19 878	1 484 89 357
Farms by value group: \$1 to \$4,999 \$5,000 to \$9,999	34 47	147 330	3 610 6 001	1 564 2 634	81 189	95 161	288 841	57 185
\$10,000 to \$19,999 \$20,000 to \$49,999 \$50,000 to \$99,999	40 87 23	178 254 171	6 859 11 308 8 646	2 475 2 254 724	469 1 419 1 114	63 104 62	203 199 24	145 417 397
\$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 or more	20 13	56 16 -	5 342 1 412 40	340 58 1	737 131 2	76 34 6	12 8 -	215 59 9
SELECTED MACHINERY AND EQUIPMENT ¹								
Motortrucks, including pickups farms number	212 563	986 1 434	38 733 57 223	8 388 10 959	3 808 5 201	507 882	1 295 1 635	1 364 1 980
Wheel tractors farms number Less than 40 horsepower (PTO) farms	207 613 130	1 019 2 465 536	39 702 120 972 20 184	8 990 21 053 5 175	4 008 14 720 1 962	505 1 390 329	1 135 1 815 739	1 421 5 250 710
number	248 160 365	787 801 1 678	32 639 33 849 88 333	8 437 6 603 12 616	3 434 3 789 11 286	497 386 893	1 053 551 762	1 184 1 274 4 066
Grain and bean combines farms number	39 40	373 402	19 704 21 167	2 364 2 581	1 778 1 831	188 196	76 76	889 945
Cottonpickers and strippers farms number Mower conditioners farms	- - 43	- - 431	- 13 991	- 2 951	- 3 147	- - 73	- - 152	881
Pickup balers	61 51 65	450 573 704	14 673 19 487 22 728	3 112 4 079 4 767	3 299 3 357 4 009	79 132 146	153 187 209	911 964 1 158
AGRICULTURAL CHEMICALS								
Commercial fertilizer farms acres on which used	152 5 223	671 85 132	29 163 4 481 944	4 559 330 556	3 475 403 416	241 26 851	208 7 357	1 203 190 912
farms	11 191 462	123 7 355 19 064	8 098 536 910 1 258 808	1 321 60 586 148 777	1 208 46 913 132 778	38 2 937 6 351	68 2 451 5 380	388 23 015 57 618
control – Insects on hay and other crops farms	141	334	15 825	1 534	2 360	98	25	676
Nernatodes in crops farmsacres on which used	2 105 12 40	26 156 23 1 500	1 879 012 986 105 413	90 957 84 5 798	181 265 201 15 515	9 878 4 (D)	1 906 1 (D)	72 518 72 5 913
Diseases in crops and orchards farms acres on which used Weeds, grass, or brush in crops and	62 858	19 634	359 42 817	33 846	50 2 785	(D)	(D)	10 723
pasturetarms acres on which used	114 4 191	602 84 199	24 256 4 327 941	3 878 295 718	2 683 257 932	243 31 213	142 4 421	1 015 172 085
Chemicals for defoliation or far growth control of crops or thinning of fruit farms_ acres on which used_	9 12	9 466	354 46 155	44 878	26 728	2 (D)	- -	21 1 559

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

				Field crops, exce	pt cash grains (01	3)		
ltem	Total	Cash grains	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.a.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
TENURE AND RACE OF OPERATOR	7.514	(3,	1910	(0.0.)	(0102)	(6166, 6161, 6166)	(0,0)	
All operators Full owners Part owners Tanants White Full owners Pert owners Tenents Black and other races Full owners Part owners Tenents Tenents Tenents Tenents Tenents Tenents Tenents Tenents	105 180 48 226 35 207 21 747 105 056 48 162 35 182 21 712 124 64 25 35	50 200 18 560 18 640 13 000 50 143 18 538 18 627 12 978 57 22 13 22	1 451 1 195 138 118 1 445 1 189 138 118 6		-	1 451 1 195 138 118 1 445 1 189 138 118 6 6	213 125 50 38 210 123 49 38 3 2	195 175 13 7 195 175 13 7
OWNED AND RENTED LAND								
Land owned farms Ownad land in farms farms acres acres Land rented or leased from others farms acres farms Acres farms acres farms Land rented or leased to others farms	84 315 17 021 650 83 433 15 050 360 57 231 16 739 305 56 954 16 587 770	37 829 8 286 496 37 200 7 564 799 31 734 10 648 878 31 640 10 572 673 5 596	1 338 125 672 1 333 102 606 260 30 291 256 28 912 257	111		1 338 125 672 1 333 102 606 260 30 291 256 28 912	175 12 414 175 9 992 88 7 221 88 5 939	188 9 023 188 6 438 21 1 139 20 652
acres	2 122 825	797 902	24 445	-	-	24 445	3 704	3 072
OPERATOR CHARACTERISTICS Operators by place of residence: On farm operated Not on farm operated Not reported	78 710 20 505 5 965	34 443 13 058 2 699	994 350 107		- - -	994 350 107	152 45 16	147 44 4
Operators by pnncipal occupetion: Farming	75 279	37 149 12 051	488	-	-	488	93	69
Other Operators by days of work off farm: None	29 901 51 753 46 229 13 104 7 197 25 928 7 198	13 051 23 951 22 704 7 359 3 862 11 483	963 425 929 92 109 728	-	-	963 425 929 92 109 728	71 133 27 18 88	126 56 133 20 9 104
Not reported Operetors by years on present farm: 2 years or less 3 or 4 years 5 to 9 years 10 years or more Average years on present farm	5 787 5 973 13 617 65 721 19.7	3 545 2 825 2 772 6 270 31 931 20.0	93 87 242 788 17.4	-	-	93 87 242 788 17.4	24 18 38 103 16.2	8 20 41 108 15.6
Not reported Operators by age group: Under 25 years 25 to 34 years 35 to 44 years 45 to 49 years 50 to 54 years	2 852 17 458 21 282 10 512 11 232	1 336 8 064 9 846 4 750 5 328	241 21 145 308 151 162		-	241 21 145 308 151 162	30 4 19 53 19 23	18 - 20 39 21 24
55 to 59 years 60 to 64 years 65 to 69 years 70 years and over Averege age	12 608 12 679 7 848 8 709 49.3	6 228 6 553 3 927 4 168 49.7	158 147 132 227 52.8	-	-	158 147 132 227 52.8	28 18 31 18 51.5	29 26 12 24 53.1
Operators by sex: Male Female	101 838 3 342	48 769 1 431	1 359 92	-	-	1 359 92	200 13	182 13
Operators of Spanish origin (see text)	105	55	1	-	-	1	-	-
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms acres Partnership farms acres acres	89 188 25 058 946 11 088 3 802 372	42 849 14 716 025 4 835 1 828 506	1 321 111 538 90 10 845	-	- - -	1 321 111 538 90 10 845	186 11 987 20 2 057	178 6 606 13 398
Corporation: farms. Family held	4 094 2 568 304 81	2 117 1 469 391 40	29 7 891	- - -	-	29 7 891	5 (D)	3 (D)
10 or less stockholders farms Other than family held farms	4 013 310	2 077 126	29 1	-	-	29	5	3
More then 10 stockholders farms 10 or less stockholders farms	91 558 34 276	54 149 15 111	(D) 1	- - -	-	(D) 1	- - -	(D) 1
Other—cooperative, estate or trust, institutional, etc	500 116 950	273 69 401	10 (D)	-	-	10 (D)	2 (D)	-

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

			Livestock, excer and animal (02	specialties				
Item								
	Horticultural specialties (018)	General farms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Deiry farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
TENURE AND RACE OF OPERATOR								
All operators	278 221 33 24	1 039 663 247 129	43 979 23 127 13 874 6 978	10 095 7 351 1 771 973	4 209 1 860 1 391 958	570 415 101 54	1 601 1 288 145 168	1 445 597 575 273
White Full owners Part owners Tenants Black and other races	278 221 33 24	1 036 661 247 128	43 936 23 099 13 866 6 971 43	10 082 7 342 1 769 971	4 203 1 858 1 388 957	570 415 101 54	1 595 1 286 145 164	1 445 597 575 273
Full owners Part owners Tanants	-	2 - 1	28 8 7	9 2 2	2 3 1	-	2 - 4	-
OWNED AND RENTED LAND								
Land owned farms	254 14 460 254	916 144 236 910	37 213 7 346 982 37 001	9 158 1 681 575 9 122	3 267 644 382 3 251	516 61 575 516	1 440 95 659 1 433	1 179 280 751 1 172
acres Land rented or leased from others farms acres Rented or leased land in farms farms	9 934 57 3 410 57	129 763 377 103 484 376	6 262 120 21 011 5 286 138 20 852	1 268 726 2 799 465 230 2 744	604 592 2 357 396 549 2 349	44 413 160 28 427	53 159 318 12 382	262 544 848 221 386
acres	3 295 38 4 641	102 160 163 15 797	5 220 958 7 092 1 150 042	453 644 2 697 424 435	393 244 316 43 095	155 27 861 129 17 728	313 11 808 312 43 074	848 220 268 154 19 325
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated Not on farm operated	161 96 21	804 170	35 502 5 896	7 379 1 925	3 721 312	401 116	1 198 274	1 187 144
Not reported	112 166	548 491	2 581 31 036 12 943	791 5 298 4 797	3 942 267	327 243	129 311 1 290	114 1 204 241
Operators by days of work off farm:	123	374	22 168	3 824	3 108	261	297	919
Any	137 27 19 91 18	617 116 93 408	18 819 4 754 2 754 11 311 2 992	5 437 814 834 3 789 834	824 405 142 277 277	267 54 34 179 42	1 259 104 99 1 056 45	407 146 58 203 119
Operators by years on present farm: 2 years or less	17	66	2 296	560	257	44	104	53
3 or 4 years	16 43 160 16.4	51 130 653 18.9	2 502 5 754 27 287 19.7	509 1 138 6 059 21.2	267 579 2 661 18.7	49 74 298 17.8	131 306 776 13.6	60 140 956 21.2
Not reported Operators by age group:	42	139	6 140	1 829	445	105	284	236
Under 25 years	2 31 81 33 39	15 138 215 121 106	1 296 7 630 8 903 4 495 4 627	199 1 071 1 509 925 1 002	122 897 940 497 485	10 93 109 54 59	23 197 487 210 182	23 224 301 161 197
55 to 59 years 60 to 64 years 65 to 69 years 70 years and over	21 28 27 16	131 132 73 108	5 110 4 984 3 205 3 729	1 153 1 280 1 232 1 724	474 431 198 165	87 65 42 51	157 128 108 109	185 167 93 94
Áverage age Operators by sex: Male	49.2 256	50.9 993	49.0 42 614	54.5 9 519	4 087	49.9 532	48.3 1 445	49.2
Female Operators of Spanish origin (see text)	22	46 1	1 365 37	576 7	122 5	38 1	156 1	44
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) tarms acres	178 6 515	921 191 486	37 138 8 796 012	8 954 1 452 429	3 356 759 801	436 44 043	1 467 57 316	1 158 357 617
Partnershipfarms acres	21 201	87 29 475	4 896 1 624 111	942 191 653	759 801 759 201 093	53 11 743	85 3 028	229 90 915
Corporation: farms acres. More than 10 stockholders farms.	72 4 797 1	19 8 491 -	1 625 995 460 33	140 65 092 1	73 31 358 3	59 14 967 4	42 4 049 -	50 31 594
10 or less stockholders farms Other than family held farms	71 6	19	1 592 147	139 16	70	55 18	42	50
More than 10 stockholders farms 10 or less stockholders farms	(D) 1 5	730 1 3	31 617 15 132	5 981 4 12	1 672	1 301 2 16	(D) - 2	(D) 1
Other—cooperative, estate or trust, institutional, etc	1 (D)	8 1 741	173 35 878	43 7 215	17 3 912	4 220	5 (D)	7 (D)

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

				Field crops, excep	ot cash grains (01	3)		
Item	Total	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
FARMS BY SIZE								
1 to 9 acres 10 to 49 acres 50 to 69 acres 70 to 99 acres 100 to 139 acres 140 to 179 acras 180 to 219 acres 220 to 259 acres 220 to 259 acres 200 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	7 974 10 981 2 901 6 981 7 168 10 506 6 574 7 119 25 378 15 874 3 401 323	327 3 350 1 257 3 704 3 556 5 627 3 089 3 617 13 619 9 585 2 260 209	60 681 113 183 132 100 48 34 79 18			60 681 113 183 132 100 48 34 79 18 1	50 88 14 22 9 9 3 4 10 3 1	42 108 114 63 33 11
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beats; Irish potatoes; field crops, except cash	50 200 1 451 - -	50 200	1 451 - -	-		1 451	-	-
grains, n.e.c. (0133, 0134, 0139)	1 451	-	1 451	-	-	1 451	213	
Vagetables and melons (016) Fruits and trae nuts (017) Horticultural specialties (018)	213 195 278	-	-	-	-	-	-	195
General farms, primarily crop (019) Livestock, except dairy, poultry, and enimal specialties (021) Beef cattle, except feedlots (0212)	1 039 43 979 10 095		- -	- -	- - -		-	
Deiry farms (024) Poultry and eggs (025) Animal specialties (027) General farms, primarily livestock and animal specialties (029)	4 209 570 1 601 1 445	- - -	-	-	- - -	-	-	
LIVESTOCK								
Cattle and calves inventory farms number	49 469 4 303 682	13 661 760 756	179 2 842	-	-	179 2 842	20 345	19 25
Farms with— 1 to 9	4 928 19 719 12 289 8 310 3 423 800	1 491 6 746 3 361 1 631 408 24	106 62 7 3 1	- - - -	- - - - -	106 62 7 3 1	10 9 - 1 -	
Cows and haifers that had calved farms number Beaf cows farms number	38 373 1 418 633 32 279 1 123 745	10 859 322 223 10 511 312 323	126 1 324 118 1 268	- - - -	-	126 1 324 118 1 268	14 96 13 (D)	13 13
Farms with— 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	5 883 19 651 4 965 1 467 276 37	1 869 6 915 1 394 292 38	81 33 3 1 -	- - - - -	-	81 33 3 1 -	9 4	
Milk cowsfarms number	7 748 294 888	525 9 900	15 56	-	-	15 56	(D)	
Farms with— 1 to 4	880 278 4 340 1 955 272 22	165 48 269 42 1	14 - 1 - - -	- - - - -	-	14	1	
Heifers and heifer calves farms number	38 383 1 275 321	10 379 193 300	110 770		:	110 770	17 127	ε
Steers, steer calves, bulls, and bull calves farms number_	42 527 1 609 728	12 017 245 233	121 748	-		7.40	17 122	6
Cattle and calves sold	50 509 3 539 020 2 124 641 16 116 355 396 101 352 43 833 3 183 624 2 023 290 22 503	13 738 403 438 203 429 3 874 76 376 22 975 11 601 327 062 180 455 5 933 181 932		-		402 60 525 127 80 637 - 275 28	6 19 4 10 107 59	10 10 5 (() (()

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

(For meaning of abbreviations and symbols, see introd	luctory text]							
			Livestock, excep and animal (02	specialties				
Item								General farms,
	Horticultural specialties (018)	General farms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	primarily livestock and animal specialties (029)
FARMS BY SIZE								
1 to 9 acras 10 to 49 acres 50 to 69 acres 70 to 99 acres 100 to 139 acres 140 to 179 acres 180 to 219 acres 220 to 259 acres 200 to 299 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	133 94 6 13 11 4 6 1 6 3 1	32 281 47 88 93 88 66 55 167 101 16	6 322 5 271 1 270 2 593 2 786 3 753 2 657 2 783 9 761 5 621 1 058 104	1 400 1 980 575 1 027 1 023 951 639 498 1 293 579 110 20	239 189 81 205 379 696 537 453 1 114 290 26	186 135 15 42 24 29 19 21 72 22 4	558 733 73 79 63 29 20 10 24 10	25 51 8 38 109 168 126 140 525 221 32
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.a.c. (0133, 0134, 0139)	-	-		-	-	-	-	-
Vegetables and melons (016)	- 278 -	1 039	- - - - 43 979	10 095	-	-	- - -	-
animal specialties (021) Beef cattle, except feadlots (0212)	-	-	10 095	10 095	-	-	-	-
Dairy farms (024)	-	-	-	-	4 209	570 - -	1 601	- - - 1 445
LIVESTOCK								
Cattle and calves inventory farms number	10 76	451 21 521	29 539 2 983 748	9 363 561 780	4 207 420 949	113 5 626	85 1 129	1 194 106 433
Farms with— 1 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	6 4 - - -	97 203 85 53 13	3 014 11 493 6 810 4 870 2 593 759	1 230 4 929 1 794 953 369 88	36 847 1 574 1 408 330 12	38 45 16 10 2	65 15 3 2 -	61 290 432 332 76 3
Cows and heifers that had calved farms_ number_ Baaf cows farms_ number_	10 43 10 43	338 9 292 301 8 015	21 562 824 961 20 402 779 479	7 741 242 778 7 583 239 507	4 200 209 617 466 10 225	76 2 130 60 1 824	54 632 52 (D)	1 125 48 185 337 9 722
Farms with— 1 to 9	8 2 - - -	92 160 35 13 1	3 537 12 002 3 457 1 140 232 34	1 762 4 541 909 292 70	137 290 34 4 1	22 28 6 3 1	36 14 1 1 -	88 198 35 13 3
Milk cows farms number	-	53 1 277	1 894 45 482	346 3 271	4 197 199 392	20 306	4 (D)	1 039 38 463
Farms with — 1 to 4 5 to 9 10 to 49 50 to 99 100 to 199 200 to 499 500 or more	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 - 27 8 - -	626 113 873 256 20 6	224 36 73 13 - -	21 74 2 438 1 419 228 16	9 2 8 1 - -	3 1	23 40 724 229 23 -
Heiters and haifar calves farmsnumber	7 12	307 5 002	22 351 895 700	7 083 150 601	3 991 146 272	84 1 992	53 268	1 075 31 813
Steers, steer calves, bulls, and bull calves farms number	6 21	376 7 227	25 635 1 263 087	7 978 168 401	3 175 65 060	88 1 504	55 229	1 028 26 435
Cattle and calves sold	7 38 16 2 (D) (D)	432 12 550 5 906 137 2 228 685	30 696 2 950 080 1 845 295 8 816 218 215 67 831	9 877 459 742 215 725 4 718 121 812 39 769	4 184 125 136 46 686 2 682 48 896 7 590	95 3 263 1 654 40 551 158	46 559 219 24 181 59	1 168 42 560 20 921 473 8 383 1 914
Cattle farms	(D) (D)	371 10 322 5 220	27 077 2 731 865 1 777 464	7 758 337 930 175 956	3 504 76 240 39 096	76 2 712 1 495	28 378 160	1 068 34 177 19 007
Fattened on grain and concentrates farms number \$1,000	- - -	147 3 798 2 445	15 112 2 187 682 1 504 913	451 7 731 4 481	794 17 354 10 728	34 1 583 1 002	7 46 17	440 12 990 8 401

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

			Field	crops, except of	eash grains (01	3)		
llem	Total	Cash grains (011)	Totel	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
IVESTOCK—Con.								
	36 670	7 907	41	-	_	41	7 160	
ogs and pigs inventory farms number	12 983 074	1 594 539	828	-	-	828 30	5	
1 to 24	3 530 2 560	963 742	30 4	-	-	4	1	
25 to 4950 to 99	4 220 6 766	1 254 1 914	6	-	_	6 1	-1	
100 to 199 200 to 499	11 269	2 363	-	-	-	-	-	
500 or more	8 325	671	-					
Used or to be used for breeding farms	26 944	5 436 205 736	18 179	-	-	18 179	(D)	
Other farms_	1 657 873 35 152	7 516	38	-	-	38 649	7 (D)	
number	11 325 201	1 388 803	649	-	-	043		
logs and pigs soldfarms	38 638	8 525	32	-	-	32 653	6 428	
\$1,000	23 483 812 2 494 231	2 512 736 258 587	653 60	-	-	60	24	
Feeder pigs farms	8 972 4 460 979	1 711 520 891	7 165	-	-	165	(D)	
\$1,000	209 249	23 687	4	-	-	4	(D)	
itters of pigs farrowed between-						21	2	
Dec. 1 of preceding year and Nov 30 farms	28 037 2 495 867	5 748 282 278	21 149	-	-	149	(D)	
Dec. 1 and May 31 ferms	26 110 1 251 973	5 100 140 678	16 73	-	_	16 73	(D)	
June 1 and Nov. 30 farms	25 992	5 154	16	-	-	16 76	(D)	
number	1 243 894	141 600	76	-	_			
Sheep and lambs of all ages inventory farms	8 6 36 451 617	2 876 122 564	62 936	-	-	62 936	13 313	
Ewes 1 year old or older farms	8 089	2 676 86 456	58 627	-	-	58 627	(D)	
number	280 591	66 456				56	11	
Sheep and lambs sold farms	8 806 607 492	2 887 105 885	56 654	-	-	56 654	155	
Sheep and lambs shorn ferms	8 052	2 648 115 650	50 728	-	-	50 728	320	
number pounds of wool	542 200 2 901 639	783 618	4 909	-	-		1 813	
Horses and ponies inventory farms	11 647	3 546	316	-	-	316 1 296	25 128	1
number	59 338 2 453	15 185 511	1 296	-	-	. 33	1 1	
Horses and ponies sold farms number	9 909	1 655	81 36	-		. 36	(D) 2	(
Goats inventory farms number	1 082 7 387	256 1 367	198	-		. 198	(D)	(
Goats sold farms number	366 3 198	67 317	14 83	-		83	-	
POULTRY	4 897	1 198	62	_		- 62	11	. 1
Chickens 3 months old or older inventory farms number	9 580 666	229 010	1 506	-		1 506		1
Farms with — 1 to 399	4 456	1 139	62	-		- 62	11	
400 to 3,199	175 93	47 5	-	-		- -		
10.000 to 19.999	82	5 2	_	-			-[-	
20,000 to 49,999	25	-	-	-] =		
100,000 or more	16	-	-				14	
Hens and pullets of laying age terms	4 834 8 212 576	1 186 195 264	61 1 446	-		- 61 - 1 446		
Pullets 3 months old or older not of			5	_		_		
laying age farms number_		104 33 746	60	-		- 60		
Hens and pullets sold farmsnumber	908	161 343 148	(D)	-		_ (D	- 1	
Broilers and other meet-type chickens sold	1 060	298 92 078	3 320	-		- 320		
Farms with—	000 010			_		_	3 8	
1 to 1,999 2,000 to 59,999	1 021	290	3	-		-	: :	
60 000 to 99,999	-		-	_		_	-	
100,000 or more			_				5 1	
Turkey hens kept for breeding farms_number_	345 71 889	82 474	5 15			- 1		
Turkeys sold farms_		65	-	-		-	137	l

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

			Livestock, excep and animal (02	specialties				
ltem								General farms,
	Horticultural specialties (018)	General farms, primerily crop (019)	Totel	Baef cattle, except faadlots (0212)	Dairy farms (024)	Poultry and aggs (025)	Animal specialties (027)	primarily livestock and animal specialties (029)
LIVESTOCK—Con.								
Hogs and pigs invantory farms number	3 423	248 51 109	26 400 10 959 585	961 98 063	1 217 178 905	82 36 781	30 432	735 160 312
Ferms with— 1 to 24	1	44	2 176	389	202	17	28	64
25 to 49	1	15 37 60 69 23	1 574 2 554 4 295 8 307 7 494	170 135 139 88 40	166 236 302 273 38	3 3 11 25 23	1 - 1	54 128 183 230 76
Used or to be used for breeding farms	_	176	19 822	552	887	56	11	537
Other number Other farms number	3 423	6 749 238 44 360	1 393 955 25 399 9 565 630	12 883 873 85 180	25 094 1 145 153 811	4 734 76 32 047	(D) 24 (D)	21 269 706 139 043
Hogs and pigs sold farmsnumber	3 583	263 82 486	27 686 20 293 944	1 013 149 646	1 278 273 667	82 56 413	20 252	743 262 650
\$1,000 Faeder pigs farms	63	8 433 52	2 166 392 6 674	14 947 258	28 962 361	5 978 18	42 3	27 691 144
number \$1,000	-	13 974 570	3 806 351 179 831	37 480 1 651	69 338 2 928	10 389 486	(D) (D)	39 567 1 733
Litters of pigs farrowed between — Dec. 1 of preceding year and Nov. 30 farms	-	182	20 524	613	936	58	13	553
number Dec. 1 and May 31 farms number	-	9 294 161 4 586	2 133 489 19 433 1 071 041	16 975 498 8 409	34 324 826 17 317	7 686 57 3 804	(D)	28 549 506 14 438
Juna 1 and Nov. 30 farms number	-	160 4 708	19 230 1 062 448	496 8 566	850 17 007	55 3 882	(D) 11 (D)	515 14 111
Sheep and lambs of all ages inventory farmsnumber	8 199	70 2 291	5 241 315 766	672 23 398	194 4 531	37 1 164	40 705	95 3 148
Ewes 1 year old or older farms number	8 144	57 1 584	4 942 185 017	616 15 306	183 3 292	35 (D)	36 502	83 2 084
Sheep and tambs sold farms numbar	6 83	64 1 806	5 439 489 912	679 18 593	184 3 786	32 1 720	32 446	95 3 045
Sheep and lambs shorn farms number pounds of wool	7 202 1 366	54 1 843 14 061	4 956 413 692 2 030 745	604 19 977 141 087	181 4 223 32 055	30 1 870 10 464	28 520 3 531	87 3 152 19 077
Horses and ponies inventory farmsnumber	22 90	238 1 349	5 329 22 082	1 661	506	69	1 349	223
Horses and ponies sold farms number	3	18 60	880 2 675	6 743 257 835	2 538 88 221	309 6 29	14 808 839 4 755	1 443 73 423
Goets inventory	(D) 3 22	17 52	610 4 942	150 759	50 435	19 87	56 182	27 86
Goats soldfarms number	1 (D)	2 (D)	236 2 446	36 174	14 112	8 53	16 70	8 109
POULTRY					Ì			
Chickens 3 months old or older inventory farms number	9 242	68 4 087	2 582 500 932	657 28 652	347 35 956	326 8 452 129	79 1 563	207 354 744
Ferms with— 1 to 399	9	67	2 481	650	33 334	117	79	149
400 to 3,199 3,200 to 9,999	-	1 -	72 14	7	12	16 54	-	[27
10,000 to 19,999 20,000 to 49,999	-	-	12 3	-	-	56 42	-	19 9 3
50,000 to 99,999	-	-	-	-	-	25 16	-	-
Hans end pullets of laying age farms number	9 (D)	68 3 903	2 553 448 951	649 25 596	344 29 529	311 7 212 742	78 1 478	205 318 566
Pullets 3 months old or older not of laying agefarms	1	11	254	66	37	43	9	21
Hens and pullets sold	(D) 1 (D)	184 5 295	51 981 362 358 553	3 056 51 12 580	6 427 30 6 585	1 239 387 260 8 769 427	85 11 207	36 178 72 395 127
Broilers and other meat-type chickens sold farms								<u>.</u>
Farms with	6 115	1 300	575 161 496	75 17 743	23 137	71 352 407	(D)	34 26 446
1 to 1,999 2,000 to 59,999	3	9	564 11	74	50 3	58 12	4	31 3
60,000 to 99,999 100,000 or more	-	-	-	-	-	1	-	-
Turkey hens kept for breeding farms	2	9	180	42	21	30	8	7
Turkeys sold number number	(D) 2 (D)	75 4 8 058	783 131 243 400	200 25 540	140 9 181	70 322 167 9 131 244	24 5 (D)	30 19 145 705

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

				Field crops, exce	ept cash grains (0	13)		_
item	Total	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
CROPS HARVESTED								*
Corn for grein or seed	83 301 10 147 051 1 274 388 346 453	48 281 6 310 719 802 112 717 354	285 10 106 1 004 869 4	-	-	285 10 106 1 004 869	36 1 851 207 682	15 254 31 543
Ferms by acres harvested:	62 099	48 550	1 385	-		1 385	338	-
1 to 2 ⁴ acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	11 524 35 088 27 186 7 726 1 777	5 591 20 205 16 181 5 047 1 257	164 106 12 1 2	- - - - -	-	164 106 12 1 2	18 11 6 1	13 1 1 -
Corn for sitage or green chop farms acres tons, green Imigated farms	7 934 205 176 3 251 394	1 174 26 456 435 335	85 3 705 86 491	- - -	-	85 3 705 86 491	3 38 460	-
Farms by acres harvested: 1 to 24 ecres	110 5 508 2 112	878 262	41 36	-	= =	41 36	3	=
100 to 249 acres	265 41 8	27 7 -	7 1 -	- - -	-	7 1 -	-	- - -
Sorghum for grain or seed	108 4 376 334 779	56 2 065 144 566	3 (D) (D)	-	-	3 (D) (D)	-	-
Wheat for grain farms acres bushels	1 345 31 047 1 180 360	688 19 413 757 922	11 182 4 058	-	- - -	11 182 4 058	3 166 4 920	-
Imgated farms acres	2 (D)	1 (D)	-	-	-	-	1 (D)	-
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	998 307 33 5 2	463 191 29 4	7 4 - -	- : - :	-	7 4 - -	1 2 - - -	- - - -
Barley for grain	357 6 545 358 125	42 754 36 346 5	3 26 440	-	-	3 26 440	-	- - -
acres_ Oats for grain	483 25 398 544 907	(D) 8 778 183 532	137 2 094	- - -	- -	137 2 094	- 11 119	- 4 32
bushels Imigated	30 918 660 16 484	10 246 877 4 (D)	92 327 - -	-	-	92 327 - - -	5 117 - -	1 315 - -
1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	18 021 7 125 238 13	6 458 2 207 108 5	116 20 1 -	- - - -	- - - -	116 20 1 -	10 1 - -	4 - - -
Soybeans for beans farms_acres_bushels_lmigated farms_acres_	68 278 7 903 395 326 081 351 221 20 304	44 707 5 759 422 237 212 480 180 17 590	112 3 065 103 125 3 418	- - -	-	112 3 065 103 125 3	32 1 453 43 413 7	7 219 9 792 -
Farms by acres harvested: 1 to 24 acres	10 200 28 626 22 245 6 197 1 010	5 405 17 864 15 644 4 931 863	82 22 6 2	- - - -	- - - -	418 82 22 6 2	(D) 13 14 5	5 1 1
Irish potatoes farms acres	104 1 998	17 155	12 1 149	-	~	12 1 149	15 123	3 2
cwt Imigated farms acres	336 981 20 1 158	25 200 2 (D)	198 469 3 748	-	-	198 469 3 748	14 201 7 116	368 1 (D)
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms_ acres_tons, dry_ firmgated ferms_	48 271 1 968 207 5 612 944 45	16 664 528 734 1 373 740	1 384 43 402 132 202	- - -	- - - -	1 384 43 402 132 202	43 611 1 172 2	22 159 298 1
Farms by acres hervested: 1 to 24 acres	1 216 22 645 21 233 4 085 278 30	220 9 536 6 239 835 50 4	(D) 848 475 52 7		- - - -	(D) 848 475 52 7	(D) 33 10 - -	(D) 21 1 -
Alfalfa hay	41 883 1 380 550 4 444 233 31 641	14 246 381 291 1 114 984 9	1 217 33 522 111 730	-		1 217 33 522 111 730	30 339 621 1 (D)	20 122 248 1 (D)

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

[For meaning of abbreviations and symbols, see introd	luctory text]							
			Livestock, excep and animal (02	specialties				
Item								General farms,
	Horticultural specialties (018)	General farms, pnmarily crop (019)	Total	Beet cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	primarily livestock and animal specialties (029)
CROPS HARVESTED								
Corn for grain or seed farms acres bushels	14 691 66 143	576 51 681 6 025 814	28 965 3 365 647 415 171 813	3 785 164 077 17 329 681	3 603 243 403 29 395 935	243 24 849 3 233 457	92 2 990 320 450	1 191 134 860 16 817 923
Irrigated farms acres Farms by acres harvested:	-	616	77 10 931	705	3 154	-	(D)	(D)
1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	9 1 4 -	135 267 137 30 7	4 840 11 489 9 638 2 502 496	1 954 1 427 335 54 15	549 2 355 641 55 3	54 97 73 15 4	71 9 9 3	80 547 484 72 8
Corn for silage or green chop farms acres	-	59 1 766	4 298 128 872	561 13 896	1 877 36 395	13 168	6 90	419 7 686
tons, green Irrigated farms acres	-	35 685	2 028 648 7 110	199 179 3 81	543 005 -	3 588	1 060	117 122
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	- - -	39 17 3	2 795 1 259 203 33 8	386 155 18 2	1 407 451 19 - -	11 2 - -	5 1 - -	329 84 6 -
Sorghum for grain or seedfarms_ acres bushels Imigatedfarms	-	1 (D) (D)	42 1 945 168 321	9 215 19 868	3 164 13 200	3 158 5 000	-	
acres	-	-	-		-	-	-	_
Wheat for grain farms acres bushels Imigated farms	(D) (D)	19 379 13 217	556 9 647 352 196	63 1 026 34 418	44 636 28 587	3 61 2 060	(D) (D)	18 551 16 993
Farms by acres harvested:	_	-	-	-	-	_	-	
1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	- - - -	16 3 -	455 96 4 -	50 12 1 -	37 7 - - -	2 1 1 - - -	2 - - - -	14 3 - 1
Barley for grein	-	7 66 3 080	197 3 634 203 108	16 193 9 816 1	91 1 739 96 501	2 (D) (D)	2 (D) (D)	13 246 14 220
acres Oats for grain	10	280	(D) 12 654	(D) 1 268	- 2 588	- 56	- 55	825
acresbushels lrrigatedfarmsacres	232 11 417	6 278 335 049 2 (D)	270 716 15 300 626 10 348	22 947 1 066 591 2 (D)	59 283 3 573 256	1 034 54 928	685 31 006	20 902 1 266 742
Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres 500 acres or more	6 3 1	198 77 4 1	9 001 3 542 103 7	987 273 8 - -	1 644 930 14	42 14 - -	48 7 - - -	494 324 7 - -
Soybeans for beans farms acres bushels farms	16 825 30 601	376 29 553 1 150 275 6	20 988 1 978 620 82 201 479 23	1 962 84 741 3 100 499 2	1 001 47 013 1 882 702 1	166 15 078 632 792	31 1 161 46 390 1	842 66 986 2 768 302
acres Farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres	9 4 3	93 167 102 12	1 531 4 045 9 472 6 116 1 212	(D) 977 780 170 34	(D) 348 538 110 5	33 78 47	(D) 17 12 1 1	150 454 210 27
500 acres or more	-	19 540	143 28 26	1 7 10	3 (Z)	1 4	- -	3 1
cwt Irrigated farms acres	-	92 881 7 174	5 118 - -	1 757	55 - -	240	=	449
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms acres tons, dry lrngatedfarms	22 283 407 -	959 38 774 120 735 2	23 829 1 013 713 2 852 981 21	5 596 230 959 559 098 8	3 719 266 830 880 874 3	120 2 616 7 515	357 4 492 11 500	1 152 68 593 231 520
acres Farms by acres harvested 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 to 499 acres	- 18 4 - -	(D) 506 358 85 9	759 10 438 11 107 2 124 140	92 2 506 2 594 459 32	76 533 2 334 797 53	85 34 1	322 32 3	28 305 639 188 19
500 acres or more	- 14 157	828 29 817	20 492 691 942	5 4 605 155 817	3 537 187 257	98 1 923	305 3 530	1 096 50 650
tons, dryfarmsacres	257 - -	101 974 1 (D)	2 203 961 13 395	425 444 4 54	700 102 3 76	5 973 - -	9 914 - -	194 469 3 28

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

				Field crops, exce	ept cash grains (0	13)		
ltem	Totel	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and suger beets; Insh potetoes; field crops, except cesh greins, n.e.c. (0133, 0134, 0139)	Vegetablas and melons (016)	Fruits and tree nuts (017)
CROPS HARVESTED - Con.								
Vegetables harvasted for sale (see text) farms acres farms by acres hervested: 0.1 to 4.9 acres 25.0 to 24.9 acres 25.0 to 99.9 acres 100.0 to 249.9 acres 250.0 acres or more 250.0 acres or more 250.0 acres or more 260.0 acres or more	64 11 2 80 104 13 10 30 236	16 1 - 15 7 - - 7 185	2 1 - 1 (D) - - -	-	-	2 1 1 (D)	33 5 2 39 88 8 5 14 8	- - 4 3 2 (D) 1 (O)
Land in orchards farms. acres. Irrigated ferms.	21 1 - 458	2 - - 74	-	- -	-		-	17 142
6Cres. Farms by beanng and nonbeanng acres: 0.1 to 4.9 ecres	2 488 11 270 927 77 29 18 728	221 191 019 13 3 386	20 31 6 750 3 (Z) 40	- - - - -	- - - -	20 31 6 750 3 (Z) 40	13 55 36 340 2 (D) (D)	1 481 10 079 895 18 18 15 934

Table 53. Summary by Standard Industrial Classification of Farm: 1987-Con.

[For meaning of abbreviations and symbols, see introductory text]

			Livestock, exce end animat (02	specialties				
Item	Horticultural specialties (018)	General farms, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Deiry farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
CROPS HARVESTED—Con.								
Vegatables harvasted for sale (see text) farms acres	1 4 1 (D) 1 (O)	6 2 2 5 3 1 (D) 3 1	6 2 - 10 2 1 (D) 2 (D)	- - 3 1 - - (D)	1 (D)	-	- - 1 (D) - - -	- - - - - 2 (D)
Land in orchards ferms	1 - - 14 63 444 100 1 (D)	20 45 72 169	1 1 134 511 366 896 30 6 1 860	- - 43 76 95 536 6 1 100	16 17 506 2 (D)	- - 6 8 28 100 3 (Z) 240	- - - 16 31 2 632 5 1 18	10 27 25 520

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 1. County Summary Highlights: 1987

Item	lowe	Adeir	Adams	Allamekee	Appanoose	Audubon	Bento
ermsnumber_	105 180	970	688	1 062	891	851	1 43
and in farms	31 638 130	353 365 364	243 607 354	321 226 302	244 661 275	268 437 315	419 48 29
/alue of land and buildings1: Average per ferm dollers	283 597	244 037	172 243	182 659	135 171	294 253	322 99
Average per acre dollars_		652	505	653	466	880	1 12
stimated market velue of all machinery and equipment ¹ :		İ					
Average per ferm dollars_	. 52 844	50 533	37 760	53 800	30 819	53 771	55 38
erms by size: 1 to 9 acres	7 974	63	50	61	39	79	10
10 to 49 ecres	10 981 27 556	67 249	43 156	54 271	103 304	58 210	14 35
180 to 499 acres	39 071 15 874	362 176	260 147	526 113	295 117	352 122	35 57 21
1,000 ecres or more	3 724	53	32	37	33	30	4
otal croplandfarms	96 749 27 290 868	897 297 992	627 190 603	987 196 344	836 177 431	774 236 155	1 32 376 51
Harvested croplandfarmsacres		859 196 940	587 115 592	928 140 120	761 94 539	721 172 611	1 27 301 31
rigated land farmsacres	. 851	204	-		1 (D)	(D)	(0
farket value of agricultural products sold\$1,000	8 926 799	71 079	39 893	77 437	25 508	80 178	140 93
Average per farm dollars dollars Crops, including nursery and greenhouse	84 872	73 277	57 983	72 916	28 628	94 216	98 27
crops \$1,000 Livestock, poultry, and their products \$1,000	3 660 117 5 266 682	31 015 40 064	16 407 23 486	10 238 67 199	9 222 16 286	29 364 50 814	59 68 81 25
arms by velue of sales:	0.700		50	25		-	
Less than \$2,500	8 799 5 49 8	63 50	50 53	66 51	153 110	59 33	10 5
\$5,000 to \$9,999 \$10,000 to \$24,999	8 252 17 436	85 187	68 140	79 179	117 222	53 155	9 22
\$25,000 to \$49,999 \$50,000 to \$99,999	17 752 20 656	169 207	122 142	170 240	136 103	146 184	25 28
\$100,000 or more	26 787	209	113	277	50	221	41
Operators by principal occupation: Farming	75 279	713	486	851	530	629	1 00
Other	29 901	257	202	211	361	222	42
Operators by days worked off farm: Any	46 229	401	323	358	419	345	63
200 days or more	25 928 49.3	219 50.2	164 52.1	175 48.5	264 54.7	178 47.5	38 47.
otal farm production expenses¹ \$1,000 Average per ferm dollars.	6 647 645 63 200	53 286 54 878	26 557 38 601	55 344 52 162	19 046 21 376	60 293 70 849	104 95 73 13
ivestock and poultry: Cattle end calves inventory ferms_	49 469	650	464	863	648	400	68
number	4 303 682	62 601 554	42 485 424	88 346 443	50 221 592	44 301 281	71 52 48
number	1 123 745 7 748	26 347 37	19 414 15	18 686 422	25 483 45	12 568 21	13 90 6
Cattle and calves sold farms	50 509	1 109 679	248 471	20 303 878	724 664	466 421	2 40 69
number	3 539 020	38 670	25 871	40 002	28 979	41 064	62 16
Hogs and pigs inventory	36 670 12 983 074 38 638	380 85 504 395	212 55 648 229	410 113 528	132 16 079 143	348 128 623 361	54 172 27 57
number Sheep end lambs inventory	. 23 483 812	152 345 94	88 680 35	426 169 181 87	31 233 86	238 820 62	296 57 18
number	. 451 617	3 539	2 846	2 534	5 027	3 561	9 46
Chickens 3 months old or older inventoryfarms number Broilers and other meat-type chickens soldfarms	9 580 666	3 695	2 697 2 697	14 860 5	1 850	32 (D) 25	5 278 75 1
number	666 016	3 035	(D)	260	(D)	5 865	(Ċ
Selected crops harvested:							
Corn for grain or seed farmsacresbushels	. 10 147 051	798 93 246 11 527 532	516 51 424 6 143 315	842 61 451 7 918 552	480 26 382 2 836 759	674 89 190 11 444 514	1 18 144 17 19 409 04
Corn for silage or green chop farms	7 934	31	26	271	40	42	8
ecres tons, green		1 161 17 550	1 006 13 709	4 537 69 400	825 13 734	1 060 16 645	3 08 57 93
Wheat for grain farms		7 (D)	17 519	2	8 115	7 356	1° 30°
acres bushels		46 740	11 123	(D) (D)	3 735	17 472	12 53
Oats for grain ferms_ acres_		318 6 998	178 4 495	577 14 044	92 1 461	236 5 359	45 9 09
bushels_		313 087	198 446	808 084	63 161	332 061	547 16
Soybeans for beens farms_ acres_		667 66 704	451 42 173	120 3 726	401 25 860	607 65 109	1 06: 126 53:
bushels		2 824 823	1 603 229	156 073	914 276	2 752 156	5 712 98
Hay-alfalfa, other tame, smell grain, wild,	48 271	614	425	841	647	389	69-
grass silage, green chop, etc. (see text) farms	1 968 207	31 464	20 097	61 648	42 156	14 191	22 83

Table 1. County Summary Highlights: 1987-Con.

[For meening of abbreviations and symbols, see introd	uctory text	,				<u></u>		T
Item		Black Hawk	Boona	Bremer	Buchanen	Buena Vista	Butler	Calhoun
Ferms	number	1 269	1 029	1 140	1 332	1 097	1 294	992
Lend in farmsAverege size of farm	_ acres	305 516 241	336 666 327	235 086 206	337 126 253	358 798 327	328 114 254	342 160 345
Velue of lend and buildings1: Average per farm		257 109 1 106	386 353 1 134	250 490 1 148	279 290 1 071	354 375 1 102	236 959 925	408 094
Average per acre Estimated market value of all machinery and	uollais	1 100	1 134	1 140	1 0/1	1 102	925	1 213
equipment1: Average per farm	dollers	52 177	56 170	50 758	50 480	61 398	50 843	61 085
Farms by size: 1 to 9 acres		152	71	116	91	81	129	61
10 to 49 acres50 to 179 acres		198 378	125 260	172 389	163 488	65 260	155 335	220
180 to 499 acres 500 to 999 acres		356 151	345 179	367 78	392 163	456 205	497	401
1,000 acres or more		34	49	18	35	30	155 23	204 35
Total cropland	ferms acres	1 150 279 149	962 302 707	1 027 211 488	1 233 307 384	1 014 330 950	1 162 295 618	938 323 346
Harvested cropland	farms acres	1 125 223 324	938 245 517	985 168 763	1 198 236 312	996 264 594	1 115 229 095	927 263 491
Irrigated land		14 160	243 317 5	5 203	5 218	6 (D)	229 095 3 (D)	537
Market value of agricultural products sold		99 933	91 247	75 029	109 025	132 273	105 209	98 179
Average per farm Crops, including nursery and greanhouse crops		78 750 50 001	88 676 54 049	65 815 31 102	81 851 46 360	120 577 50 449	81 305 43 198	98 971 57 725
Livestock, poultry, and their products	\$1,000	49 932	37 199	43 927	62 665	81 824	62 010	40 454
Farms by value of sales: Less than \$2,500		128	97	137	97	40	106	42
\$2,500 to \$4,999 \$5,000 to \$9,999		73 109	56 79	55 99	59 81	26 58	50 73	34 51
\$10,000 to \$24,999		246	155	200	253	163	207	142
\$25,000 to \$49,999\$50,000 to \$99,999		192 214	158 222	194 240	256 251	197 251	253 278	178 212
\$100,000 or more		307	262	215	335	362	327	333
Operators by principal occupation: Farming		742	693	719	968	864	942	794
Other		527	336	421	364	233	352	198
Any		695	477	552	619	439	548	432
200 days or moreAverage age of operator	years	456 48.9	278 50.0	369 47.2	306 47.6	205 48.6	296 48.4	182 48.8
Total farm production expenses¹	\$1,000 dollars	76 037 59 825	64 349 62 536	59 231 51 957	83 259 62 553	99 632 90 822	83 277 64 356	65 428 65 956
Livestock and poultry: Cattle and calves inventory	farms	413	323	564	646	240	552	235
	number	24 204 180	24 331 222	34 300 182	37 083 260	30 112 141	32 358 266	22 434 155
Milk cowsr	number farms	3 887 82	5 403 26	3 777 244	6 642 264	4 413 15	5 632 118	4 714
	number	3 290 413	552 318	9 067 543	5 976 646	498 242	3 702 562	110 247
•	number	17 095	23 077	19 257	29 072	34 767	25 773	25 467
	number	392 162 483	257 90 597	343 93 085	553 190 879	432 212 076	532 192 796	262 104 890
	number	416 275 866	270 177 753	366 180 944	574 373 171	468 388 304	562 367 816	295 203 838
Sheep and lambs inventoryr	farms	90 3 686	97 4 203	94 2 833	114 2 461	84 6 247	133 5 219	85 5 201
Chickens 3 months old or older inventory		48 80 541	45 244 311	55 15 717	121 88 683	25 (D)	67 114 228	19 (D)
Broilers and other meat-type chickens sold		19 7 819	3 300	12 4 819	12 997	15 2 385	26 6 743	10 4 255
Selected crops harvested:								
Corn for grain or seed	farms acres oushals	996 120 536 16 646 615	825 112 738 15 534 064	890 93 017 12 379 993	1 136 139 845 19 024 742	953 125 356 15 880 096	1 024 121 799 15 823 601	872 111 282 15 303 730
Corn for silage or green chop		77	_30	152	146	55	84	40
tons	acres green	1 383 24 393	1 535 33 569	2 366 38 990	2 062 35 591	1 504 25 466	1 805 26 524	1 705 25 005
Wheat for grain	farms acres	5 134	11 167	3 (D)	10 135	3 (D)	7 220	2 (D)
t	ushels	5 063	7 423	981	6 416	10 260	7 952	(b)
Oats for grain	acres	228 4 596	148 3 031	339 6 102	474 8 399	169 3 160	361 6 881	140 2 913
	ushels	243 747	186 754	355 158	475 365	188 471	392 072	167 384
Soybeans for beans	farms acres oushels	867 88 213 4 010 768	795 122 615 5 406 176	692 52 660 2 283 773	870 71 922 3 242 621	924 130 258 5 335 671	926 86 141 3 689 973	853 144 293 6 418 023
Hay—alfalfa, other tame, small grain, wild,		400	a		554	055	55.	050
grass silage, green chop, etc. (see text)to	acres ns, dry	436 11 407 35 873	341 8 786 22 894	541 19 025 63 101	582 17 151 49 252	255 6 408 18 989	551 15 805 48 111	253 5 766 14 940
		05 070	22 034	30 101	70 232	10 555	70 111	14 340

Table 1. County Summary Highlights: 1987-Con.

Item		Cerrall	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clark
Ferms and in farms Average size of farm	acras	1 319 366 656 278	333 083 354	1 170 345 483 295	929 317 974 342	1 091 338 708 310	1 054 276 216 262	69 229 42 32
/elue of lend end buildings¹. Average per farm Averaga per acre		305 600 1 088	264 475 753	338 007 1 209	336 269 1 040	336 905 1 028	228 742 850	168 69 48
stimated market value of all machinery and aguipment ¹ : Average per farm	dollars	50 775	49 730	61 537	65 498	53 227	50 796	31 93
erms by siza:			49 730		05 490	53 227	50 796	31 93
1 to 9 acres 10 to 49 acres 50 to 179 acres 180 to 499 acres 500 to 999 ecres 1,000 acres or more		121 97 324 578 174 25	66 85 210 353 176 52	103 98 305 457 179 28	61 138 180 320 186 44	86 96 222 486 170 31	73 105 330 406 118 22	3 6 18 25
otal cropland	farms acres	1 203 336 646	866 291 489	1 067 303 044	866 297 124	1 009 292 532	983 245 999	63 165 20
Harvested croplandngated land	acres	1 164 270 392	213 323 1	1 012 230 081 3	847 233 423 8	979 230 141	953 187 589 11	58 93 99
	acres	(D)	(D)	(D)	352	68	1 146	(1
larket value of agricultural products sold Averaga per farm Crops, including nursery and greenhouse		170 623 129 358	83 023 88 135	104 711 89 497	83 002 89 346	119 253 109 306	85 162 80 799	27 28 39 10
cropsLivestock, poultry, and their products	\$1,000 \$1,000	49 277 121 346	36 154 46 869	42 138 62 573	50 091 32 911	41 169 78 084	32 528 52 634	9 02 18 25
arms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$99,999		42 36 61 170 226 293	54 39 76 186 161	96 46 60 179 190 255	94 41 41 113 169 195	52 37 63 149 215 232	82 51 97 166 191 232	9 5 10 15 13
\$100,000 ar mare		491	235	344	276	343	235	ě
perators by principal occupation: FarmingOther		1 056 263	700 242	907 263	650 279	843 248	751 303	44 2
Operators by days worked off farm: Any		532 249	368 226	452 239	424 241	436 228	446 264	3:
Average age of operator	years	46.7	49.2	48.7	47.4	48.1	47.8	51
otal farm production expenses1 Average per farm		122 194 92 501	62 455 66 301	83 989 71 785	61 627 66 337	88 207 80 850	67 505 64 047	20 94 30 04
ivestock and poultry: Cattle and calves inventory	farms	577 84 045	510 52 259	505 37 738	213 12 904	478 61 492	537 41 260	5 ⁻ 41 20
Beef cows	number	308 11 102 22	406 16 648 25	348 10 841 42	129 4 289 25	305 11 277 51	237 6 362 172	20 5
Cattle and calves sold	number farms	558 597	652 534 45 482	1 357 520	770 226	1 646 499	6 290 535	25 5
Hogs and pigs inventory	number farms	108 144	336	32 732 490	9 038	61 876 449	31 751 387	21 33
Hogs and pigs sold	number farms number	277 305 714 510 765	93 655 353 167 856	206 391 518 355 042	118 772 303 253 333	177 791 463 315 806	129 308 404 236 486	39 70 20 73 5
Sheep and lambs inventory	number	5 205	92 3 851	193 7 615	66 2 106	84 4 430	63 1 497	2 4
Chickens 3 months old or older inventory Broilers and other meat-type chickens sold	number	43 5 538 17 3 005	41 1 911 5 1 585	49 15 327 11 6 022	29 141 271 6 996	42 4 361 9 1 115	55 58 642 16 14 683	1 94
elected crops harvested:	number : _	3 005	1 363	0 022	330	1 113	14 003	,
Corn for grain or seed	acres	1 105 132 252 17 304 749	783 106 962 13 504 527	953 138 757 16 395 191	757 123 528 15 908 537	928 111 626 13 914 353	869 99 779 12 785 975	45 37 26 3 462 98
Carn for silage or green chop	farms acres	80 3 467	46 1 264	86 2 016	40 1 197	114 2 836	169 3 806	76 9 00
Wheat for grain	tons, green farms acres	50 939 3 447	20 277 22 505	30 614 9 297	18 619 3 (D)	41 821 2 (D)	54 944 7 215	16
0-1-1	bushels	24 364	17 436	8 695	450	(D)	8 450	3 3
Oats for grain	acres bushels	375 8 249 493 853	185 3 618 151 785	324 5 739 361 588	166 3 600 200 255	219 4 098 262 749	381 7 470 450 070	14 3 34 101 55
Soybeans for beans	acres bushels	1 037 115 659 4 939 438	724 84 078 3 381 709	772 71 248 3 170 044	683 98 942 4 077 185	860 100 873 4 296 210	691 59 084 2 461 583	34 24 71 810 78
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)		506 15 229	491 21 367	508 16 257	270 7 141	427 13 799	542 21 142	48 29 76
	tons, dry	44 485	60 394	46 853	21 514	40 137	65 690	72 80

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, see introductory ter-	d]		T				
ltem	Clay	Clayton	Clinton	Crawford	Daltas	Davis	Decatur
Farmsnumber	877	1 705	1 437	1 339	1 081	921	715
Land in farms		450 742 264	376 952 262	406 895 304	328 319 304	266 999 290	278 714 390
Value of land and buildings ¹ : Average per farm	368 560 1 013	238 246 905	260 515 980	232 297 782	361 994 1 151	127 889 453	184 389 459
Estimated market value of all machinery and aquipment*: Average per farm	64 749	57 697	49 310	48 833	57 408	30 517	30 374
Farms by size:	78	116			85	44	
1 to 9 acres10 to 49 acres	64	119	115 172	120 149	188	99	34 65
50 to 179 acres	177 330	497 751	389 547	294 520	295 293	313 310	201 238
500 to 999 acres	193 35	194 28	185 29	211 45	161 59	118 37	123 54
Total croplendfarmsacres		1 578 330 458	1 319 337 038	1 198 359 327	987 288 548	853 185 649	647 177 836
Harvested croplend farms	795	1 508	1 256	1 128	947	795 107 597	581 97 184
Irrigated lendscres ecres	4	240 158 1 (D)	258 502 9 86	264 366 2 (D)	223 550 11 133	(D)	97 184 2 (D)
Market value of agricultural products sold\$1,000	93 702	144 817	115 717	111 095	78 495	33 396	35 571
Average per farm dollars Crops, including nursery and graenhouse		84 937	60 527	82 968 43 007	72 613	36 261	49 749
crops\$1,000 Livastock, poultry, and their products\$1,000	45 068 48 634	24 381 120 437	42 915 72 802	68 088	48 626 29 869	10 271 23 125	11 225 24 345
Ferms by value of sales: Less then \$2,500	49	116	110	71	167	129	116
\$2,500 to \$4,999 \$5,000 to \$9,999	27 46	80 126	60 121	69 95	85 94	107 142	56 97
\$10,000 to \$24,999	133 160	265 233	260 240	240 247	179 162	220 128	160 108
\$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 or more	178 284	383 502	288 358	268 349	179 215	109 86	98 80
Operators by principal occupation:	604	4 222	1 002	1 001	645	565	400
FarmingOther	684 193	1 333 372	435	338	436	565 356	423 292
Operators by days worked off farm: Any	325	568	703	551 332	586	486 287	375 237
200 days or more	180 48.7	331 48.0	379 47.2	48.2	362 50.8	50.9	52.7
Total farm production expenses¹ \$1,000 Average per farm dollars	67 332 76 776	101 074 59 246	93 334 64 906	86 523 64 617	54 700 50 602	27 831 30 219	28 570 39 957
Livestock and poultry: Cattle and calves inventoryfarms		1 275 111 580	664 63 452	778 67 100	395 23 978	646 39 154	497 51 643
Beaf cows farms number	161	529 19 341	386 11 361	580 21 286	307 8 119	495 18 447	431 24 439
Milk cowsfarmsnumbar	11	674 30 216	61 2 663	51 1 355	17 349	116 1 810	32 729
Cattle and calvas soldfarms number	274 32 497	1 287 52 096	688 61 373	791 59 583	397 19 134	637 21 847	498 31 828
Hogs and pigs inventory farms number	276 113 582	756 282 887	586 155 812	574 163 737	208 62 884	245 45 685	157 44 663
Hogs and pigs soldfarms number_	299	791 474 860	616 271 236		224 111 556	245 88 454	157 89 435
Sheep and lambs inventory farms number	9 000	84 1 897	118 4 491	89 7 374	68 2 229	173 11 116	46 2 289
Chickens 3 months old or older inventory farms number	(D)	94 143 411	60 12 871	73 47 278	112 185	95 170 855	43 1 169
Broilers and other meat-type chickens sold farms_ number_	4 705	16 16 019	20 2 229	6 1 563	12 (D)	1 900	(D)
Selacted crops harvested:							
Corn for grain or seedfarmsacresbushels	103 766	1 383 130 350 17 251 649	1 183 165 946 17 740 345	1 050 132 197 15 865 611	776 108 578 14 777 623	569 40 121 3 532 975	402 33 659 3 456 1 75
Corn for silage or green chop farms acres	2 576	231 3 267 54 214	148 4 502 66 587	55 1 970 35 786	33 1 620 36 336	82 1 331 18 061	38 1 363 16 867
tons, green		11	31	35 780	36 336	31	15
Wheat for grain farms acres bushels_	-	143 6 840	510 26 072	120 4 853	322 19 349	589 17 300	304 8 160
Oats for grainfarmsacres	2 587	932 22 492	447 7 919	459 11 605	124 2 441	171 2 702	55 1 180
bushels		1 453 302	467 898	522 245	138 165	105 283	36 181
Soybeans for beans farms acres bushels	114 582	170 10 851 470 117	790 63 428 2 843 390	946 98 070 3 728 789	713 103 628 4 548 961	424 31 948 1 021 541	349 31 224 1 110 698
Hay—altaifa, other tame, small grain, wild,	244	1 070	500	676	374	657	468
grass silage, green chop, etc. (see text) farms_ acres_ tons, dry	. 8 003	1 272 83 341 280 637	638 21 568 66 184	23 903 72 404	9 641 25 982	33 142 65 049	32 832 68 292
	1			1	L	1	

Table 1. County Summary Highlights: 1987—Con.

{For meaning of abbreviations and symbols, see	introductory text)					1		
Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
					·	t — — —	7 676110	1.0,0	Tankan
Ferms Lend in ferms		1 452 353 940	753 210 843	593 211 002	1 689 334 112	609 227 932	1 510	985	1 012
Average size of farm		244	280	356	198	374	420 682 279	296 488 301	346 389 342
Value of land and buildings1:									
Average per farm	dollars	261 096 1 100	292 827 1 075	344 460	215 749	390 667	252 587	269 842	355 919
Average per acre	dollars	1 100	1 0/5	975	1 135	1 036	906	947	1 080
Estimated market value of all machinery and									
equipment1: Average per farm	dollars	64 471	52 035	62 145	52 176	62 824	59 626	53 952	75 393
Farms by size:									
1 to 9 acres 10 to 49 acres		105 97	56 93	47 56	128 185	33 53	112 116	67 131	86 68
50 to 179 acres		479	234	125	604	100	444	246	215
180 to 499 acres		623	251	212	676	252	635	345	414
500 to 999 acres		126 22	89 30	119 34	86 10	145 26	154 49	161 35	188 41
Total cropland	farms	1 355	706	550	1 534	568	1 397	921	923
	acres	306 898	173 024	193 330	266 787	211 733	363 025	272 361	319 360
Harvested cropland	acres	1 315 242 896	688 133 157	534 151 322	1 469 206 360	553 165 963	1 353 279 159	888 215 365	900 251 619
Irrigated land	farms	2	7	4	5	6	7	9	9
	acres	(D)	(D)	(D)	18	311	425	911	281
Market value of agricultural products sold Average per farm		167 550 115 392	43 779 58 139	64 239 108 329	153 085 90 636	56 925 93 472	135 367 89 647	78 949 80 151	110 938 109 623
Crops, including nursery and greenhouse									
crops Livestock, poultry, and their products	\$1,000	28 898 138 652	25 572 18 206	28 789 35 451	13 455 139 630	35 975 20 950	47 848 87 519	45 432 33 517	56 025 54 914
Farms by value of sales:									
Lass than \$2,500		75	105	36	116	39	84	89	46
\$2,500 to \$4,999\$5,000 to \$9,999		44 55	55 75	28 32	72 117	19 29	44 82	45 74	26 45
\$10,000 to \$24,999		158	159	104	202	67	238	164	119
\$25,000 to \$49,999		196 296	122	85	257	104	273	171	203
\$50,000 to \$99,999 \$100,000 or more		628	111 126	135 173	400 525	158 193	333 456	198 244	239 334
Operators by principal occupation:						1			
Farming		1 213	445	469	1 275	510	1 154	682	812
Other		239	308	124	414	99	356	303	200
Operators by days worked off farm.		471	397	244	628	222	563	462	393
200 days or more		238	274	112	409	97	300	266	186
Average age of operator		46.1	50.3	49.3	47.6	48.0	48.6	49.2	49.0
Total farm production expenses¹ Average per farm	\$1,000 dollars	123 128 84 799	32 754 43 555	45 481 76 696	113 839 67 360	38 847 63 788	100 483 66 545	58 137 59 023	80 138 79 188
Livestock and poultry: Cattle and calves inventory	forme	914	311	184	1 250	166	880	339	264
Beef cows	number	79 043	18 114	25 849	117 453	16 380	78 118	21 468	19 476
	number	243 7 619	248 6 912	92 3 791	449 14 070	119 (D)	303 9 987	193 4 283	150 4 115
Milk cows	number	527 24 342	19 803	29 902	605 33 324	(D)	404 17 710	52 1 679	29 932
Cattle and calves sold	farms number	923 42 255	315 13 062	191 30 767	1 263 71 118	165 14 643	884 38 513	350 16 366	272 17 784
Hose and size investory		904					580		372
Hogs and pigs inventory	number	456 589	156 44 293	164 62 826	846 298 355	172 54 902	204 401	298 101 386	168 089
Hogs and pigs sold	number	930 747 477	174 91 237	179 102 886	892 517 669	182 102 578	611 368 889	311 199 066	400 353 402
Sheep and lambs inventory	number	79 3 101	62 2 581	63 4 293	65 2 138	34 2 032	106 4 784	57 1 560	81 3 290
Chickens 3 months old or older inventory	farms	58	25	25	60	31	65	29	575 094
Broilers and other meat-type chickens sold		(D) 10	1 065 2	174 678 10	6 116 21	21 563	(D) 14	2 473 14	16
	number	1 976	(D)	4 528	2 428	1 415	1 858	51 775	3 246
Selected crops harvested:									
Corn for grain or seed		1 247	596	474	1 367	523	1 271	811	870
	acres bushels	152 360 20 436 465	70 934 7 752 886	67 152 8 680 549	103 204 13 034 171	76 262 10 513 999	152 228 20 745 603	108 155 13 898 599	130 089 17 768 732
Corn for silage or green chop	forme	286	60	54	368	20	255	77	42
Com for shage of great chop	acres	5 110	1 603	2 113	6 884	929	4 854	1 574	1 181
	tons, green	80 840	29 552	32 259	99 984	15 335	81 841	29 977	23 335
Wheat for grain		21 275	42	5 166	11 104	(0)	12 213	5 34	3 (D)
	acres bushels	10 215	690 35 118	6 521	4 735	(D) (D)	7 220	1 120	11 910
Oats for grain	farms.	767	72	96	973	54	662	211	177
g	acres	17 382	1 072	2 212	22 459	1 074	14 940	4 573	2 772
	bushels	1 083 467	50 331	130 921	1 449 245	65 923	967 020	278 941	165 857
Soybeans for beans	farms acres	473 26 262	521 50 976	463 74 062	101	502 84 899	772 67 824	739 93 208	799 111 856
	acres bushels	1 209 472	1 927 508	74 062 2 903 116	4 133 190 367	3 648 321	3 026 716	3 800 357	4 815 151
Hay-alfalfa, other tame, small grain, wild,									
grass silage, green chop, etc. (see text)		955	325	192 7 714	1 267	152 4 169	870 44 262	358 10 394	280 6 939
	acres tons, dry	48 626 162 552	10 277 25 293	25 840	78 518 262 491	12 388	153 556	27 345	20 679
				l,	L		-		

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, see introducto	ry text]	1			r	Γ	1	
Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
F	740	049	4 007	060	4 000	4 050	4 005	1 004
Farms	res 308 796	353 283	1 037 319 657 308	960 316 631 330	1 026 347 353 339	1 052 347 774 331	1 065 337 990 317	1 024 387 190 378
Value of land and buildings1: Average per farmdol Average per acredol		389 490 1 037	386 797 1 227	237 917 769	419 561 1 251	376 239 1 117	343 083 1 026	312 974 839
Estimated market value of all machinery and								
equipment': Average per farmdo'	ars 61 260	57 790	59 649	47 473	72 565	69 998	63 041	48 400
Farms by size: 1 to 9 acres		81	108	58	84	64	115	60
10 to 49 acres 50 to 179 acres	58 155	85 170	78 270	100 256	75 224	61 253	86 224	98 220
180 to 499 acres	213	350	394	328	415	449	412	362
500 to 999 acres			146 41	176 42	190 38	199 26	192 36	222 62
Total cropland	ms 657 res 268 547	868 320 413	943 298 268	885 260 062	959 325 528	990 328 038	964 305 339	954 328 917
Harvested cropland fai	ms 636	850	929	830	935	975	944	925
Irrigated land	res 203 010 rms 11 res 1 265	258 005 9 599	243 481	176 254 4 (D)	262 514 3 (D)	259 372 8 586	243 566 9 (D)	253 868 78 15 933
Market value of agricultural products sold \$1,		89 981	120 898	64 788	133 865	97 752	115 469	81 515
Average per farmdoll		94 916	116 584	67 487	130 473	92 920	108 422	79 604
Crops, including nursery and greenhouse crops	000 37 379 000 30 532	58 970 31 010	57 236 63 662	30 747 34 041	57 639 76 226	52 901 44 851	53 889 61 580	49 914 31 600
Farms by value of sales:								
Less than \$2,500	50	67	56	88	58	42	57	63
\$2,500 to \$4,999 \$5,000 to \$9,999	37 54	36 66	24 49	53 84	41 46	36 46	39 48	60 76
\$10,000 to \$24,999	121	105	127	216	147	146	153	76 169
\$25,000 to \$49,999\$50,000 to \$99,999		176 207	214 226	167 173	176 236	191 246	188 214	168 236
\$100,000 or more		291	341	179	322	345	366	236 252
Operators by principal occupation: Farming	559	723	762	656	760	846	799	776
Other	160	225	275	304	266	206	266	248
Operators by days worked off farm: Any	277	412	474	436	456	445	464	410
200 days or more	137	188 49.7	244 48.0	250 51.2	233 48.8	212 48.1	246 48.9	203 50.7
Total farm production expenses 1		59 298	92 137	44 194	97 625	74 409	90 777	57 318
Average per farmdoll Livestock and poultry:	ars 65 827	62 485	88 764	46 036	95 151	70 664	85 237	55 975
Cattle and calves inventory fai	ms 286 ber 24 694	313 23 691	341 32 392	550 42 797	148 9 014	243 18 095	352 28 548	491 45 158
Beef cows fai		255	195 5 502	476 16 595	92 1 593	107 2 394	247 8 432	383 16 724
Milk cows fai	ms 10	3	33	22	5	31	18	26
Cattle and calves sold fai	ber 400 ms 297 ber 31 562	(D) 310 20 913	1 317 353 45 363	336 559 29 704	263 154 15 218	1 378 272 19 499	455 364 26 294	455 509 34 964
Hogs and pigs inventory far			384	305	323	374	380	250
	ber 51 782 ms 166	80 342 207	142 762 403	91 854 318	175 422 340	153 874 401	209 335 406	61 961 260
	bar 89 328	161 714 97	282 242 104	160 645 78	296 597 73	271 442 56	398 460 81	132 658 33
num Chickens 3 months ald or older inventory fai	ber (D) ms 20	5 127 24	4 262 41	2 431 42	3 069 28	2 714 33	2 265 42	1 713
num Broilers and other meat-type chickens sold fai	bar 1 906 ms	2 509 13	4 556 28	13 144 12	14 242 14	(D) 19	168 199 12	3 132 7
num Selected crops harvested:	ber -	14 115	11 380	1 980	11 975	1 709	2 447	1 245
	rms 567 res 87 155 lels 9 823 386	789 112 576 16 013 687	886 128 793 18 051 570	737 82 343 10 291 912	883 126 152 17 603 314	940 128 403 17 048 320	872 128 885 17 937 064	835 124 451 16 261 726
Corn for silage or green chop far ac tons, gr	res 413	1 109	37 1 364 28 161	28 934 17 204	12 946 17 090	67 1 310 24 192	46 1 016 16 456	48 1 168 18 150
Wheat for grain fai		5	5	6	3	1	-	32
	res 577 pels 22 367	139 4 180	68 3 485	124 3 290	(D) 8 620	(D) (D)	=	1 101 37 407
Oats for grain fall	rms 20 res 437	128 2 336	169 2 666	229 5 183	95 1 483	198 3 471	141 2 681	146 3 325
bush	nels 21 686	144 126	160 529	249 610	97 869	226 932	164 514	171 519
	res 107 022		828 103 749	643 72 201	841 133 655	872 120 801	819 105 352	783 113 656
	nels 3 991 260	6 162 505	5 036 510	2 943 678	5 584 073	4 940 656	4 775 850	4 448 314
Hay – alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)fai ac	rms 246 res 7 103		349 10 752	467 18 363	175 3 209	269 8 021	334 8 244	399 10 308
tons,			39 468	47 514	7 655	24 100	24 095	33 457

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, see	introductory text]					I	<u> </u>	
Item		Henry	Howard	Humboldt	lde	lowa	Jackson	Jasper	Jefferson
_									
Ferms Lend in ferms		893 231 617	938 269 285	754 275 393	787 260 103	1 057 329 705	1 354 345 612	1 465 427 196	775 234 816
Averege size of farm	ecres_	259	287	365	330	329 705	255	292	303
Value of lend and buildings1:									
Averege per farm		274 058 979	209 318 737	395 920 1 089	340 405 956	262 675 873	188 218 794	264 082 928	242 323 818
Estimated market value of ell machinery and									
equipment1: Average per farm	dollers	53 059	48 381	70 927	49 390	51 450	38 750	47 518	41 766
Forms by orac									
Farms by size: 1 to 9 acres		69	64	46	58	64	91	142	41
10 to 49 acres		101 270	86	40	69	100	154	207	82
50 to 179 ecres		317	264 377	155 335	167 321	274 440	380 544	348 490	250 254
500 to 999 acres		116 20	114 33	150 28	142 30	147 32	163 22	225 53	118 30
Total cropland	farms	815	877	716	717	985	1 236	1 314	720
·	acres	191 238	241 273	258 581	233 599	287 149	245 576	366 582	190 468
Hervested cropland	acres	771 138 792	856 178 288	706 214 069	687 176 524	947 203 549	1 160 164 703	1 240 276 515	139 236
Prrigated Pland		(D)	3 (D)	3 261	-	(D)	6 30	10 (D)	5 127
Market value of agricultural products sold		55 693	66 773	77 786	80 294	91 299	93 723	119 686	44 126
Average per farm	dollars	62 367	71 186	103 164	102 026	86 376	69 219	81 697	56 936
Crops, including nursery and greenhouse crops	\$1,000	23 101	28 518	45 287	29 682	34 158	14 618	50 678	20 574
Livestock, poultry, and their products	\$1,000	32 592	38 255	32 499	50 612	57 141	79 105	69 007	23 552
Farms by value of sales:			60						
Less than \$2,500 \$2,500 to \$4,999		117 83	62 40	25 15	30 19	73 45	114	151	108
\$5,000 to \$9,999		86	56	29	49	90	150	117	90
\$10,000 to \$24,999 \$25,000 to \$49,999		162 144	167 208	93 170	121 152	195 187	266 233	256 206	148 123
\$50,000 to \$99,999		140	208	177	185	207	249	244	126
\$100,000 or more		161	197	245	231	260	271	401	127
Operators by principal occupation:		569	733	587	612	796	909	985	524
FarmingOther		324	205	167	175	261	445	480	251
Operators by days worked off farm:									
Any		460	381	307	309	435	608	700	375
200 days or more Average age of operator		282 50.7	191 49.3	158 49.6	160 48.0	247 49.3	386 48.2	428 50.2	225 51.2
Total farm production expenses1		44 968 50 299	52 352 55 812	52 755 69 966	61 684 78 379	70 646 66 836	74 148 54 762	84 547 57 711	33 075 42 732
Livestock and poultry:									
Cattle and calves inventory	farms number	369 18 256	490 34 299	150 19 778	384 42 915	621 58 270	1 047 105 376	746 59 053	391 24 063
Beef cows	farms number	296 7 100	232 6 882	79 2 810	266 10 552	505 20 685	681 26 376	560 18 717	324 8 982
Milk cows		14 364	168 6 098	13 437	19 515	47 1 319	235 9 642	36 1 503	739
Cattle and calves sold	farms	378	495	149	410	643	1 056 69 925	778 46 587	407 15 352
Unan and store to a deci-	number	14 242	19 407	19 543	45 538	41 383			
Hogs and pigs inventory	number	254 98 895	358 98 541	199 95 334	313 92 880	450 158 470	561 135 969	490 208 824	234 77 588
Hogs and pigs sold	farms number	275 177 634	366 163 639	219 182 114	347 168 106	462 253 035	581 244 383	510 349 763	255 144 528
Sheep and lambs inventory	number	109 4 835	47 3 857	66 2 297	58 3 058	110 4 579	92 3 467	144 5 877	92 5 262
Chickens 3 months old or older inventory	farms	37	47	23	26	43	85	65	43
Broilers and other meat-type chickens sold	number farms numbar	(D) 11 9 226	37 023 6 2 450	34 123 3 (D)	5 582 5 385	7 539 6 2 025	31 018 22 6 712	77 115 12 2 607	3 183 4 552
Selected crops harvested:	Torriba	3 220	2 430	(5)		2 525	0 7.12	2 001	
	4	670	700	670	651	963	1 000	1 104	E70
Corn for grain or seed	acres bushels	670 76 628 7 780 010	790 86 835 10 708 944	679 96 411 13 484 942	651 92 054 11 032 148	863 118 279 14 285 398	1 032 86 001 9 565 228	1 104 140 825 18 812 791	570 63 756 6 364 526
Corn for silege or groon ob-					39		194	57	57
Corn for silage or green chop	acres	41 1 525	162 3 238	2 202	1 202	76 2 018	4 378	1 941	1 423
	tons, green	28 369	49 211	43 395	14 755	30 584	65 563	37 067	15 265
Wheat for grain	farms acres	22 301	6 122	(D)	8 79	12 111	40 542	5 65	33 1 128
	bushels.	13 151	3 112	(6)	3 240	6 413	23 455	2 667	29 320
Oats for grain	farms_	127	378	106	200	393	642	389	171
g - /*******************************	acres bushels	1 925	9 270 505 665	2 107	4 566 222 282	9 024 457 953	14 445 847 486	8 616 477 835	3 411 144 299
		90 324	303 665	123 290					
Soybeans for beans	farms ecres	571 49 029	618 63 110	651 111 004	605 69 740	670 48 725	250 9 467	965 102 143	492 54 787
	bushels	1 825 532	2 485 619	4 940 795	2 642 609	2 119 747	384 426	4 539 434	2 011 235
Hay-alfalfa, other tame, small grain, wild,									
grass silage, green chop, etc. (see text)	farms acres	379 11 848	489 19 656	166 3 877	339 11 288	637 29 335	973 55 526	751 27 194	435 17 313
	tons, dry	23 015	60 098	10 916	37 312	64 406	168 340	78 317	32 777

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, see intr	oductory text	1			1				
Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
-		4 050	4 404	4 000	4.740	200	4 000	201	
Ferms	acres	1 356 305 634 225	1 161 322 206 278	1 036 343 164 331	1 718 599 153 349	989 266 090 269	1 690 356 000 211	634 198 855 314	690 206 519 299
Average size of farm	acres	223	2/6	331	349	209	211	314	299
Value of land and buildings1: Average per farm	dollars dollars	254 265 1 167	272 757 977	299 094 843	405 311 1 158	226 981 810	245 298 1 147	345 395 1 104	146 104 468
Estimated merket value of all machinery and equipment!: Average per farm	do:lars	50 671	53 907	52 987	70 994	39 583	45 693	65 908	26 704
Farms by size:		104	70	90	100	47	105	40	20
1 to 9 acres		218	78 133	80 102	100 77	136	135 332	43 69	30 83
50 to 179 acres 180 to 499 acres		447 425	313 442	238 389	368 817	321 332	605 423	141 253	210 253
500 to 999 acres 1,000 acres or more		131 31	167 28	175 52	287 69	116 37	160 35	100 28	83 31
Total cropland	farms acres	1 239 265 295	1 084 265 527	945 281 115	1 619 563 110	914 201 475	1 577 308 295	592 168 176	627 147 514
Harvested cropland	farms	1 178	1 023	892	1 601	882	1 502	571	568
Irrigated land	acres farms acres	198 971 17 152	194 982 1 (D)	198 455	459 047 7 450	149 934 14 506	242 679 18 231	130 805 17 3 447	77 713 1 (D)
Market value of agricultural products sold	\$1,000	94 864	109 533	85 338	173 436	56 758	92 818	42 271	23 117
Averege per farmCrops, including nursery and greenhouse		69 959	94 343	82 373	100 952	57 389	54 922	66 674	33 503
cropsLivestock, poultry, and their products		27 949 66 915	27 837 81 695	33 840 51 497	100 025 73 411	18 657 38 101	42 899 49 919	23 130 19 141	7 507 15 610
Farms by value of sales:						450			
Less than \$2,500 \$2,500 to \$4,999		171 103	93 50	92 73	44 26	159 91	241 158	48 31	123 84
\$5,000 to \$9,999 \$10,000 to \$24,999		115 228	89 190	98 148	74 192	131 189	181 342	68 98	101 146
\$25,000 to \$49,999 \$50,000 to \$99,999		201 268	184 227	144 191	349 465	132 126	304 212	108 138	100 67
\$100,000 or more		270	328	290	568	161	252	143	69
Operators by principal occupation: Farming		887 469	843 318	755 281	1 409 309	565 424	979 711	462 172	421 269
Operators by days worked off farm:									
Any 200 days or mora		678 424	486 288	393 219	687 271	513 357	906 615	267 146	344 226
Average age of operator	years	49.6	49.5	50.1	47,3	50.5	51.2	50.2	53.9
Totel farm production expenses 1		73 709 54 357	93 079 80 171	62 938 60 751	123 769 72 084	44 558 45 053	77 724 46 045	33 806 53 238	19 456 28 156
Livestock and poultry: Cattle and calves inventory		704	670	531	422	537	788	228	500
Beef cows	number farms number	44 479 499 14 393	71 782 406 16 202	38 002 458 16 929	34 963 182 5 384	33 765 400 10 459	46 537 508 12 110	13 375 180 5 559	39 752 455 19 637
Milk cows		131 3 667	147 5 560	17 344	71 2 400	48 1 708	134 4 048	9	13 483
Cattle and calves sold		697 29 315	698 58 676	529 21 789	437 35 345	534 26 320	780 33 186	230 8 978	505 21 596
Hogs and pigs inventory		569	500	456	608	271	478	215	140
Hogs and pigs sold		201 494 594 350 424	196 170 534 360 436	187 744 486 350 450	232 616 647 392 010	105 496 285 187 062	127 753 508	66 270 228 114 918	28 113 142 46 575
Sheep and lambs inventory		199	96	122	131	88	208 731 172	54	80
Chickens 3 months old or older inventory		12 079 140	2 874 58	12 007 55	6 624 72	4 691 61	7 003 78	2 027 29	3 819 35
Broilers and other meat-type chickens sold	number farms number	454 105 28 10 610	8 993 8 754	(D) 14 988	278 711 32 6 422	3 847 1 (D)	4 650 13 4 114	2 770 5 1 230	(D) 5 146
Selected crops harvested:	name of	10 0.0	,,,,		0 422		7 113	1 200	,,,
Corn for grain or seed	farms	1 020	941	828	1 556	707	1 260	537	400
•	acres bushels	108 975 11 784 648	115 264 13 718 597	109 327 13 610 959	212 709 30 307 429	67 487 6 070 0 69	124 735 15 227 689	72 324 7 168 836	28 860 2 908 261
Corn for silage or green chop		152	157	43	103 2 802	113	126 2 814	33	28 785
to	acres ons, green	2 702 39 665	4 167 67 481	939 16 749	59 069	2 483 33 845	48 959	656 7 329	9 682
Wheat for grain	farms acres	18 369	13 196	29 616	4 54	119 1 807	28 368	24 716	2 (D)
	bushels	17 322	5 020	25 108	2 260	69 203	12 916	28 483	(D)
Oats for grain	acres	465 10 945	428 9 551	224 4 281	267 4 886	107 1 712	489 9 449	83 1 120	89 1 837
Contrary to the	bushels	570 480	549 614	200 473	297 649	64 373	512 429	54 386	71 585
Soybeans for beans	acres bushels	705 54 296 2 117 402	527 40 219 1 763 211	709 64 470 2 684 142	1 489 233 034 10 015 719	648 60 580 1 831 319	946 81 631 3 458 797	451 50 482 1 772 175	298 19 978 715 510
Hay - alfalfa, other tame, small grain, wild,	2201101311	2 117 402	. 700 211	2 004 142	.5 515 719	. 55, 519	5 400 707		, .5 010
grass silage, green chop, etc. (see text)	acres	726 27 387	653 30 056	503 22 121	414 10 445	546 18 627	861 26 646	236 7 023	457 27 8 77
	tons, dry	78 049	91 030	54 874	32 328	39 578	73 686	16 495	66 759

Table 1. County Summary Highlights: 1987-Con.

[For meaning of abbreviations and symbols, sa	a introductory taxt]			r .				
Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
F		4 004	4.050	4 400		4 070	244		
Farms Land in farms Average size of farm	acres	1 234 342 938 278	1 058 293 643 277	1 193 328 093 275	1 131 279 315 247	1 073 330 012 308	245 380 383	939 270 582 288	854 377 030 441
Value of land and buildings1: Average per farm Avarage per acre		284 406 981	220 540 778	291 229 1 059	183 083 785	313 765 1 041	278 058 773	259 002 923	356 706 773
Estimated market value of all machinery and equipment1: Average per farm	dollars	53 131	37 021	47 997	36 062	51 061	56 982	55 685	63 458
Farms by siza: 1 to 9 acres		125	75	95	102	94	37	97	50
10 to 49 acras		84	159	124	177	130	90	90	52
50 to 179 acras		305 545	346 300	322 462	350 348	260 355	135 195	210 383	198 284
500 to 999 acras		151 24	135 44	163 27	128 28	188 46	139 45	134 25	177 93
Total cropland	acres	1 108 312 475 1 078	962 212 601 904	1 096 277 151 1 052	1 032 223 313 972	977 293 898 929	603 218 646 577	842 247 794 818	799 320 615 783
	acres	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
Irrigated land	acras	16 1 339	6 14	(D)	10 74	12	771	7 828	90 25 152
Market value of agricultural products sold Avarage per farmCrops, including nursary and greenhouse		135 613 109 897	57 338 54 144	111 789 93 704	63 716 56 336	90 288 84 146	55 111 85 976	96 194 102 443	75 040 87 869
crops	\$1,000 \$1,000	38 781 96 832	21 353 35 985	35 848 75 941	26 309 37 408	49 698 40 591	31 630 23 481	33 922 62 272	43 192 31 848
Farms by value of sales: Less than \$2,500		40	162	64	158	102	62	61	47
\$2,500 to \$4,999 \$5,000 to \$9,999		39 50	110 155	69 109	98 136	56 76	40 58	44	43 65 155
\$10,000 to \$24,999		180	185	227	227	181	88	68 122	155
\$25,000 to \$49,999 \$50,000 to \$99,999		251 284	161 144	172 205	155 162	180 196	101 124	168 176	144 166
\$100,000 or more		390	142	347	195	282	168	300	234
Operators by principal occupation: FarmingOther		1 000 234	615 444	881 312	672 459	763 310	469 172	676 263	655 199
Operators by days worked off farm:		458	568	512	592	482	272	417	363
200 days or more		216	364	273	393	263	161	214	158
Average age of operator Total farm production axpanses1	\$1,000	46.6 99 059	51.9 44 124	49.8 80 835	51.1 45 506	50.6 67 296	50.7 37 000	48.0 72 394	49.8 55 454
Average per farm	dollars	80 275	41 666	67 758	40 235	62 776	57 722	77 097	65 011
Cattle and calves inventory	numbar	649 69 260	685 47 876	594 47 081	586 35 063	464 36 041	264 21 503	356 35 450	318 36 886
Baaf cows	number	287 10 335 134	609 21 765 22	402 12 308 51	445 12 625 41	353 11 189 21	203 6 820 5	121 3 412 110	216 8 753 13
Cattle and calves sold	number	4 550 688	96 697	1 304 610	1 334 585	769 471	112 272	3 883 371	249 335
	number	77 511	24 951	44 124	22 399	27 840	23 337	34 898	31 739
Hogs and pigs inventory	number	567 200 491	275 71 853	496 231 333	381 129 745	300 110 052	169 42 997	387 145 781	230 57 242
Hogs and pigs sold	farms number	599 404 640	297 123 559	534 407 094	402 227 507	315 191 669	170 77 324	406 273 074	247 101 724
Sheep and lambs inventory		102 7 539	103 5 678	105 4 963	87 4 066	108 4 666	34 1 248	71 1 964	41 1 838
Chickens 3 months old or older invantory	farms	55	54	65	60	42	25	63	40
Broilers and other meat-type chickens sold	number farms number	9 356 21 5 404	(D) 7 398	176 937 10 2 383	36 292 13 1 059	2 411 11 2 522	1 319 2 (D)	521 298 13 54 716	1 544 - -
Selected crops harvested:									
Corn for grain or seed	farms acres bushals	1 016 117 416 13 619 698	698 58 576 6 955 682	954 107 872 14 344 045	801 70 865 8 764 911	833 121 035 16 830 774	513 80 324 9 796 784	763 96 111 11 770 471	738 127 574 15 077 846
Corn for silage or green chop	farms acres tons, green	184 5 684 79 413	32 1 182 14 559	84 2 178 29 372	37 1 039 15 062	38 1 467 26 764	9 388 8 465	168 4 915 68 515	60 2 084 31 127
Wheat for grain	1		4	_ [10		23	34
Wheat for grain	acres bushels	5 53 2 250	120 5 045	6 94 3 615	16 235 7 450	140 5 938	29 673 22 119	338 12 084	1 151 38 895
Oats for grain	farms	369 8 074	142 3 048	318 6 110	246 4 948	197 3 6 31	52 1 210	321 7 833	128 4 556
Southeans for heans	bushals	566 384	153 495	337 828	248 410	184 055	55 791	476 743 664	214 139
Soybeans for beans	acras bushels	939 105 550 4 264 389	583 51 363 2 104 554	858 79 429 3 294 041	688 58 702 2 435 855	744 81 281 3 909 328	487 80 845 2 992 822	72 951 3 024 302	630 97 936 3 594 035
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see taxt)	tarme	580	666	587	598	445	208	377	288
grass sileger green chop, atc. (Sae (axt)	acras tons, dry	17 502 56 854	26 569 72 773	18 691 55 259	21 952 56 969	13 025 57 663	6 228 16 896	13 931 35 040	8 834 25 860

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, saa in	troductory text]							
ltem		Мопгое	Montgomery	Muscatine	O'Brien	Oscaola	Page	Palo Alto	Plymouth
		700	704	204	4 000	704	4.015	004	1 740
Farms Land in farms Average size of farm	acres	736 225 145 306	701 247 891 354	901 233 026 259	1 232 362 209 294	731 230 671 316	1 015 337 772 333	934 343 857 368	1 740 521 469 300
Value of land and buildings¹: Averaga per farm Average par acre	dollars	138 810 432	236 856 672	288 612 1 145	362 397 1 199	340 338 1 06 3	211 038 624	377 878 1 096	291 724 1 047
Estimated market value of all machinery and equipment ¹ :		27 6 81	52 044	49 105	58 208	60 207	42 293	63 390	51 535
Àverage per farmFarms by size:	dollars	27 681			36 206	60 207			
1 to 9 acres 10 to 49 acres 50 to 179 acres 180 to 499 acres 500 to 999 acres		34 67 246 251 113 25	39 63 155 262 153 29	65 156 259 273 121 27	117 77 292 547 168 31	63 45 166 334 96 27	58 99 249 364 210 35	65 51 194 369 209 46	133 145 418 741 253 50
1,000 acras or more	ferms	686	654	832	1 126	682 215 844	951 284 766	876 321 339	1 595 465 370
Hervested cropland	acras	147 087 634 75 582	217 733 627 160 388	199 021 801 153 624	331 555 1 104 269 638	676 178 191	908 202 414	867 251 951	1 545 359 863
Irrigated land	acres	(D)	(D)	36 3 177	8	1 139 1 139	1 928	30 4 713	14 1 799
Market value of agricultural products sold Average per farm Crops, including nursary and greenhouse	dollars	27 469 37 322	54 168 77 273	54 308 60 275	156 715 127 204	74 371 101 739	72 822 71 746	91 667 98 145	183 614 105 525
cropsLivestock, poultry, and their products	\$1,000 \$1,000	7 045 20 424	28 679 25 489	24 833 29 474	52 958 103 757	35 059 39 312	36 881 35 941	52 681 38 987	54 527 129 086
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999		103 91 105	53 36 53	136 56 97	42 25 54	30 25 16	77 63 107	39 19 45	100 62 107
\$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$99,999		169 123 81	116 124 148	156 140 144	171 216 322	85 166 190	209 162 180	121 150 256	255 317 352
\$100,000 or mora Operators by principal occupation:		64	171	172	402	219	217	304	547
FarmingOther		427 309	529 172	546 355	977 255	581 150	699 316	729 205	1 320 420
Operators by days worked off farm: Any 200 days or more		344 238	302 144	480 337	498 216	294 128	494 272	381 161	706 370
Avarage age of operator Total farm production expenses¹	\$1,000	52.5 24 993	51.0 39 898	49.7 45 873	47.8 114 485	45.5 52 776	51.6 52 150	48.4 64 467	47.7 134 679
Average per farm Livestock and poultry:		33 958	56 916	50 970	92 850	72 197	51 430	69 022	77 402
Cattle and calvas inventory	number	533 41 441 444	348 29 584 272	377 26 833 279	381 54 433 184	277 29 424 85	578 45 986 480	219 18 879 103	780 85 592 481
Milk cows	number farms number	19 008 29 884	9 933 14 303	9 011 36 1 441	6 869 62 1 722	2 376 60 1 531	16 455 19 290	3 178 22 690	15 644 61 1 815
Cattle and calves sold		532 27 524	378 23 100	381 17 106	406 84 562	307 28 110	611 33 468	225 20 408	798 91 422
Hogs and pigs inventory	number	161 31 726	229 61 284	271 91 269	536 219 771	260 97 240	315 82 672 332	342 113 704 370	865 333 224 897
Hogs and pigs soldSheep and lambs inventory	number	75 059 80	250 99 489 44	289 152 451 105	574 409 093 91	271 178 655 56	147 801 50	219 650 55	626 498 124
Chickens 3 months old or older inventory	number farms number	2 901 44 1 741	2 329 25 3 055	3 774 56 3 962	4 158 35 29 981	3 981 28 (D)	2 078 58 4 346	4 277 33 61 425	7 421 85 150 595
Broilars and other meat-type chickens sold		209	953	9 836	23 6 142	15 6 183	3 250	10 (D)	16 7 943
Selected crops harvested:									
Corn for grain or seed	farms acres bushels	447 26 349 2 665 907	575 73 645 8 730 435	684 81 722 7 955 200	1 056 124 897 16 222 003	616 77 922 10 347 932	812 84 480 9 291 092	838 118 241 15 586 249	1 452 188 164 20 983 864
Corn for silage or green chop	acres tons, green	38 1 051 14 055	19 676 14 247	67 1 847 25 777	67 2 155 40 008	49 1 573 24 093	36 1 086 16 124	38 1 024 16 011	118 2 886 41 879
Wheat for grain	acres bushels	6 104 4 095	12 482 17 674	28 737 27 926	3 34 1 560	5 158 4 079	64 1 626 57 610	1 (D) (D)	19 325 14 129
Oats for grain	farms acres bushels	83 1 457 62 381	96 1 866 91 878	204 4 275 224 208	283 4 530 346 987	157 2 702 195 555	136 2 540 107 537	156 3 157 197 644	563 18 054 1 058 772
Soybeans for beans		333 19 212 705 634	532 72 597 2 646 499	556 54 102 1 986 587	999 132 665 5 610 722	624 91 774 3 803 501	785 94 261 3 335 358	802 126 240 5 266 410	1 287 137 600 5 594 158
Hay-alfelfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms acres	519 28 990	368 13 303	393 12 153 31 220	346 8 570	259 5 878 16 170	549 19 137 49 756	216 5 134 15 890	711 21 453 71 173
	tons, dry	71 972	36 280	31 220	26 522	10 170	43 / 30	15 030	

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, see introductory tex	t)		<u> </u>					
Item	Pocahontes	Polk	Pottawettemie	Poweshiek	Ringgold	Sac	Scott	Shalby
Farmsnumber	987	1 001	1 652	1 047	701	1 035	973	1 177
Land in farmsacres Average size of farmacres		238 256 238	543 881 329	335 448 320	285 258 407	359 677 348	230 461 237	351 387 299
Value of land and buildings1: Average per farm	402 097 1 123	314 216 1 211	297 073 909	289 230 928	186 298 480	357 000 1 071	361 559 1 527	277 542 915
Estimeted market value of all machinery end equipment': Average per farmdollers	76 821	48 436	56 327	53 170	40 541	58 997	55 927	52 473
Farms by size:								
1 to 9 acres10 to 49 acres	50 54	108 281	147 228	85 101	34 45	73 63	81 156	99 84
50 to 179 acres	228	240 230	365 522	251 381	163 260	226 434	283 329	246 530
500 to 999 acres 1,000 acres or more	214	94 48	307 83	182 47	143 56	201 38	102 22	189
		895	1 481	960	659	961	892	1 071
Total cropland farmsecres	330 508 929	213 501 841	488 111 1 429	295 594 904	225 274 592	321 946 945	210 370 862	322 461 1 035
Harvested cropland farms acres	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
Irrigated landfarmsfarmsacres	(D)	12 (D)	18 1 984	3 (D)	2 (D)	707	17 202	(D)
Market value of egricultural products sold \$1,000	94 124	55 492	148 757	81 132	38 620	129 941	81 530	108 594
Average per farmdollars Crops, including nursery and greenhouse	95 364	55 436	90 047	77 490	55 093	125 547	83 792	92 263
crops \$1,000 Livestock, poultry, and their products \$1,000	52 217 41 907	39 779 15 712	72 682 76 075	36 210 44 922	13 056 25 564	45 971 83 971	32 387 49 143	44 370 64 224
Farms by value of sales:	0.4		474	00	05	40	107	
Less than \$2,500\$2,500 to \$4,999	13	201 108	174 93	83 46	65 52	46 22	107 57	59 35 51
\$5,000 to \$9,999 \$10,000 to \$24,999	1 51	112 167	144 230	85 174	80 127	33 179	77 165	51 173
\$25,000 to \$49,999	187	134 104	255 310	174 197	154 114	186 212	154 167	226 312
\$50,000 to \$99,999 \$100,000 or more		175	446	288	109	357	246	321
Operators by principal occupation: Farming	796 191	520 481	1 146 506	764 283	523 178	828 207	636 337	920 257
Operators by days worked off farm:								
Any 200 days or more	401 149	579 383	724 411	454 263	270 150	375 182	475 307	470 222
Average age of operatoryears_	48.3	52.1	49.1	49.3	52.8	48.7	49.3	47.0
Total farm production expenses 1	67 692 68 584	38 065 38 027	109 389 66 256	57 113 54 549	28 010 39 957	97 631 94 329	65 076 66 881	79 578 67 611
Livestock and poultry: Cattle and calves inventory farms		288	772	649	511	340	398	593
number farms farms		14 334 216	73 730 568	52 353 521	52 034 461	51 204 229	30 430 261	49 837 420
number	2 523	5 690 14	19 993 24	19 196 40	25 326 23	8 852 30	6 533 40	13 600 26
number_ Cattle and celves sold farms_	. 292	406 287	552 807	1 139 645	640 521	981 363	2 331 398	692 627
number.	21 944	10 392	77 966	34 068	32 421	61 924	28 129	48 742
Hogs and pigs inventoryfarms number	. 117 561	155 40 610	505 132 246	373 115 888	221 54 322	437 219 218	338 137 971	492 174 150
Hogs and pigs sold farms farms number	. 224 380	169 73 131	546 239 278	385 210 829	89 820	384 947	353 218 118	300 106
Sheap and lambs inventory farms_number_	2 716	68 2 819	98 3 815	104 5 999	2 190	100 6 951	109 3 251	65 2 270
Chickens 3 months old or older inventory farms_number_	. 107 133	40 (D)	97 23 973	37 (D)	26 1 196	204 693	5 964	47 4 161
Broilers and other meat-type chickens sold farms_ number	1 13	10 20 198	12 1 710	5 894	(D)	10 4 230	16 4 527	11 2 374
Selected crops harvested:								
Corn for grain or seedfarms_ acras_ bushels_	. 118 510	653 80 518 11 274 889	1 287 190 703 25 187 379	818 100 151 12 586 370	482 40 969 4 248 023	897 119 558 15 021 139	763 111 372 13 407 266	984 132 411 16 173 496
Corn for sitage or green chop farms_ acres tons, green	. 1 831	18 498 6 477	85 2 859 47 725	62 1 394 23 086	46 990 13 037	54 2 928 39 347	70 1 969 31 431	50 2 044 28 816
Wheat for grain farms		4	43	6	10	3	6	4
ecras bushals		107 3 940	1 516 54 434	164 8 820	437 12 789	3 150	109 5 604	58 2 710
Oats for grain farms acres bushels_	. 2 024	88 1 600 87 155	300 7 231 451 766	367 9 532 464 644	98 2 560 90 507	237 5 983 362 676	263 4 480 293 480	380 8 645 476 387
		608	1 126	731	439	867	603	881
Soybeans for beans farms_ acres_ bushels_	. 142 055	79 880 3 515 595		76 368 3 315 883	42 819 1 460 253	117 882 4 875 822	38 786 1 761 863	90 028 3 630 359
Hay—alfalfa, other tame, small grain, wild,	. 198	302	714	616	451	354	424	510
grass silage, green chop, etc. (see text) farms_ acres_ tons, dry_	4 570	7 553 22 959	22 980 66 760	28 433 89 007	35 333 83 083	13 399 43 069	11 494 33 782	14 859 42 633

Table 1. County Summary Highlights: 1987—Con.

[For meening of abbreviations and symbols, see introductory text]				-			I	
ltem	Sioux	Story	Teme	Teylor	Union	Van Buren	Wepello	Warrer
	2 015	1 138	1 404	774	693	782	899	1 310
Farmsnumber Land in farms	472 363 234	327 081 287	417 178 297	774 291 057 376	233 595 337	783 244 939 313	211 685 235	303 78: 23:
Value of land end buildings1:	282 218	350 423	286 898	180 517	185 510	160 879	155 927	181 80
Average per fermdollars Average per acredollars	1 181	1 237	977	511	556	531	723	806
Estimated market velue of all machinery and equipment1: Average per fermdollars	50 364	50 530	56 161	35 752	31 176	35 555	31 114	31 50
Ferms by size:	310	105	102	35	36	37	40	8
10 to 49 ecres50 to 179 ecres	178 529	172 298	141 373	51 185	99 181	70 256	167 313	28 44
180 to 499 acres	786	330	521	297	225	266	253	31-
500 to 999 acres	179 33	188 45	225 42	163 43	119 33	121 33	108 18	13 ₄
Total croplend farms acres	1 719 438 716	1 036 302 492	1 293 367 588	721 229 338	640 177 099	740 165 726	833 162 399	1 200 235 21
Harvested cropland farms ecres	1 667 352 858	1 001 242 426	1 238 274 884	690 141 043	597 101 216	699 108 140	788 116 921	1 104 155 858
rrigeted lendacres	59 8 639	15 307	5 (D)		(D)	3 42	(D)	5
Merket value of egricultural products sold\$1,000 Average per farmdollars	348 597 173 001	101 788 89 445	105 643 75 244	40 437 52 244	39 630 57 186	32 952 42 084	35 435 39 416	54 96 41 96
Crops, including nursery and greenhouse crops\$1,000	55 150	55 294	54 800	18 395	13 081	13 637	17 003	23 17
Livestock, poultry, and their products \$1,000	293 447	46 494	50 843	22 042	26 549	19 315	18 432	31 790
Farms by value of sales: Less than \$2,500	59	106	108	70	96	116	196	26
\$2,500 to \$4,999 \$5,000 to \$9,999	74 102	57 90	79 102	50 90	50 87	56 121	96 115	143 213
\$10,000 to \$24,999 \$25,000 to \$49,999	295 319	220 167	237 227	188 122	132 104	187 111	193 109	238 174
\$50,000 to \$99,999 \$100,000 or more	379 787	212 286	307 344	143 111	129 95	105	86 104	13: 14:
Operators by principal occupation:	1 490	707	1 022	EE6	406	478	485	63
Ferming Other	525	727 411	1 022 382	556 218	436 257	305	414	67!
Operators by days worked off farm: Any	873	554	629	341	353	404	478	770
200 days or more	476 46.6	367 50.3	342 49.9	203 50.7	202 51.3	237 51.6	353 52.8	55) 51.
Total farm production expenses ¹	275 493 136 789	73 684 64 692	80 531 57 358	28 872 37 302	30 158 43 456	25 801 32 952	27 999 31 145	40 07: 30 59
Livestock and poultry: Cattle and calves inventory	894	266	702	513	479	475	477	78:
number Beef cows farms	178 525 232	20 355 169	47 664 526	40 041 455	45 072 422	29 876 426	25 907 400	47 40: 66:
number Milk cowsnumber	9 256 185 9 404	3 917 15 833	16 517 64 1 837	18 185 24 192	20 631 24 224	14 685 40 494	11 360 30 634	20 514 4: 1 23:
Cattle and calves soldfarms number	947 257 632	281 26 698	721 33 299	511 21 884	473 24 816	490 16 457	478 16 479	78 25 17
Hogs and pigs inventoryfarmsnumber	1 021 44 534	266 110 672	461 138 669	223 62 873	186 44 487	200 56 843	196 48 166	30 91 11
Hogs and pigs sold farms number	1 070 873 187	290 221 283	491 249 542	231 98 679	186 74 186	206 132 498	197 83 003	31 163 17
Sheep and lambs inventory farms number	152 28 852	102 4 032	139 4 969	40 1 523	65 (D)	128 7 285	74 3 042	8 2 21
Chickens 3 months old or older inventory farms number	650 750	41 81 386	95 69 688	39 1 599	1 898	46 6 999	51 (D)	7 36 12
Broilers and other meat-type chickens sold farms number	25 15 115	13 3 869	22 4 704	4 (D)	3 (D)	(D)	(D) (D)	78
Selected crops harvested:				ı				
Com for grain or seedacres	1 561 194 424 22 031 184	885 116 748 16 455 650	1 137 146 615 19 327 395	581 55 044 5 868 957	473 40 799 4 545 259	553 41 462 4 100 414	511 49 900 5 287 674	79: 69 88: 8 380 48:
Corn for silage or green chop	283 10 802 145 896	35 1 235 22 164	61 1 346 26 189	16 390 4 300	22 603 6 844	83 1 667 20 150	33 869 12 466	5 1 30 22 12
Wheat for grain farms	7	7	10	27	10	40	6	
ecres bushels	231 9 820	128 5 419	240 9 760	576 24 097	268 7 953	18 220	59 1 170	20° 8 57°
Oets for grain farmsecres	479 10 947	90 1 527	347 8 465	120 2 737	139 3 301	122 2 046	98 1 651	16 2 97:
bushels	744 073 1 339	86 951 848	313 356 989	104 925 560	137 330	72 429 505	68 796 470	125 35
acresbushels	118 683 5 156 590	11 7 965 5 334 137	100 936 4 631 128	59 816 1 976 558	32 681 1 230 031	40 843 1 388 369	46 721 1 800 536	53 37 2 100 58
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms_	683	283	671	467	457	537	535	79
acres tons, dry	23 295 77 068	6 859 18 019	23 868 73 682	24 517 55 475	25 540 65 941	23 500 47 206	19 928 45 976	30 959 83 10

Table 1. County Summary Highlights: 1987-Con.

Washington Was	[For meaning of abbreviations and symbols, see introdu	ctory text	1				1			
Land or fines — 600. 52 00 29 000 116 577 20 24 170 22 12 100 24 4 100 20 20 20 20 20 20 20 20 20 20 20 20 2	item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Land or fines — 600. 52 00 29 000 116 577 20 24 170 22 12 100 24 4 100 20 20 20 20 20 20 20 20 20 20 20 20 2	Forms	umbor	1 150	740	1 005	740	4 600	4 000	507	200
Awarege per farm	Lend in ferms	.acres	321 504	281 269	416 623	242 430	377 025	451 759	221 678	344 010
Elementer meket value of all machinery and expenses. *Average pire film	Average per farm									
Average por farm	Estimated market value of all machinery and									. 255
1	Average per farm	dollars	59 078	34 681	71 208	63 377	56 635	50 399	66 499	83 069
\$10 to 17 series	1 to 9 acres									
500 per garder	50 to 179 acres		294	161	300	195	538	289	142	182
### Notes of Company and Provided Services of Company and Provided Compa	500 to 999 acres		167	166	223	131	123	226	143	199
### Harvested docalend	Total cropland									
Imagested and	Harvested cropland	farms	1 024	630	1 140	686	1 422	1 162	592	832
Average per farm	Irrigated land	farms	7	-	4	2	2	25] 3	4
Comparison by Juny worked off farm. Comparison by Juny worked off	Average per farm	1,000 dollars								
Farms by value of sales: \$2.00 to \$4.999	Crops, including nursery and greenhouse crops	1,000		14 430	71 872	36 616	21 110		32 006	58 762
Least flant \$2.500		,,,,,,,,,,,	30 170	20 200	40 212	20 925	55 451	/9 038	23 997	20 2/1
\$5,000 to \$9,999	\$2.500 to \$4.999					39 28				
\$25,000 to \$49,999	\$5,000 to \$9,999		99	74	78	40	125	127	46	37
\$100,000 or more	\$25,000 to \$49,999		167	154	259	137	267	244	102	147
Farming	\$100,000 or more									286
Operators by days worked off farm: Any of days or note Any of days or	Farming									
200 days or more	Operators by days worked off farm:		:		300					
Average age of operator —	Any 200 days or more									
Average per farm dollars.	Average age of operator	years	48.1	53.0	49.5	48.6	48.7	49.8	49.7	50.5
Cattle and celves inventory farms value	Avarage per farm	dollars		35 172						
Beef cows	Cattle and calves inventory									
Milk cows	Beef cows	farms	334	439	157	69	522	429	150	55
Cattle and celves sold	Milk cows	farms	64	23	9	48	570	32	29	9
Number 291 267 38 007 95 799 77 367 183 559 144 487 71 694 73 215 145 269 146 270	Cattle and calves sold	farms	488	522	225	165	1 236	609	229	155
Hogs and pigs sold	Hogs and pigs inventory	farms umber								
Sheep and lambs inventory	Hogs and pigs sold	farms	605	178	270	252	743	470	245	219
Chickens 3 months old or older inventory	Sheep and lambs inventory	farms	142	53	62	57	106	105	67	70
Broilers and other meat-type chickens sold	Chickens 3 months old or older inventory	farms	79	26	36	21	92	60	21	22
Corn for grain or seed	Broilers and other meat-type chickens sold	farms	22	2	3	10	9	5	2	5
Acres	Selected crops harvested:									
Acres. 1 618 5 980 12 501 14 700 128 8 486 2 798 1 372 761 16 792	•	acres	116 371	43 055	138 143	87 427	103 614	162 688	77 320	119 346
Wheat for grain		acres	1 618	470	773	1 128	8 486	2 798	1 372	761
Oets for grain		farms	47	19	3	2	6	16		2
acres bushels 6 212 bushels 1 625 bushels 1 798 bushels 2 860 bushels 20 576 bushels 9 046 bushels 2 758 bushels 1 546 bushels Soybeans for beans bushels 1 66 723 bushels 769 bushels 426 bushels 1 039 bushels 581 bushels 411 bushels 763 bushels 517 bushels 777 bushels 777 bushels 777 bushels 86 671 bushels 72 543 bushels 137 106 bushels 7 727 bushels 7 72 bushels 7 727 bushels 7 727 bushels 7 727 bushels 7 727 bushels 7 727 bushels 7 727 bushels 7 727 bushels 7 72 bushels	b								-	(D) (D)
acres. 66 723 38 334 170 666 82 268 18 580 86 671 72 543 137 106 bushels. 2 818 021 1 378 703 7 272 652 3 070 284 773 018 3 358 177 2 918 118 5 631 282 Hay—alfalfa, other tame, small grain, wild, grass slage, green chop, atc. (see text) farms 514 485 244 214 1 220 510 238 150		acres	6 212	1 625	1 798	2 860	20 576	9 046	2 758	1 546
bushels_ 2 818 021 1 378 703 7 272 652 3 070 284 773 018 3 358 177 2 918 118 5 631 282 Hay—alfalfe, other tame, small grain, wild, grass sileng green chop atc (see text) farms 514 485 244 214 1 220 510 238 150		acres	66 723	426 38 334	170 666	581 82 268	18 580	86 671	72 543	137 106
grass stage green chop, etc. (see text) farms 514 485 244 214 1,220 510 238 150					7 272 652					5 631 282
	grass silage, green chop, etc (see text)	acres	17 874	34 854	4 356	6 010	76 101	17 814	6 256	150 3 084 8 788

¹Data are based on a sample of terms

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982

Item								
		lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text)	farms, 1987 1982	105 180 115 413	970 1 065	688 737	1 062 1 134	891 900	851 905	1 434 1 585
	\$1,000, 1987 1982	8 926 799 9 828 932	71 079 71 042	39 893 47 363	77 437 78 152	25 508 23 296	80 178 92 606	140 932 138 182
Averege per farm		84 872 85 163	73 277 66 706	57 983 64 2 64	72 916 68 917	28 628 25 885	94 216 102 327	98 279 87 181
1987 value of sales: Less than \$1,000		3 782	22	24	22	79	21	35
\$1,000 to \$2,499	\$1,000 farms	1 254 5 017	7 41	6 26	9 44	22 74	3 38	13 73
\$2,500 to \$4,999	\$1,000 farms	8 372 5 498	75 50	48 53	75 51	124 110	66 33	117 51
\$5,000 to \$9,999	\$1,000 farms	20 091 8 252	186 85	196 68	184 79	406 117	123 53	177 95
\$10,000 to \$19,999	\$1,000 farms	60 139 12 427	661 121	494 106	591 122	843 175	396 99	693 156
\$20,000 to \$24,999	\$1,000	182 050 5 009	1 744 66	1 527 34	1 723 57	2 526 47	1 501 56	2 251 64
\$25,000 to \$39,999	\$1,000	112 042 11 756	1 495 112	744 80	1 284 105	1 050 98	1 265 103	1 446 166
\$40,000 to \$49,999	\$1,000	375 819 5 996	3 665 57	2 482 42	3 409 65	3 109 38	3 295 43	5 319 89
\$50,000 to \$99,999	\$1,000	267 940 20 656	(D) 207	1 894 142	2 869 240	1 710	1 915 184	4 014 286
\$100,000 to \$249,999	\$1,000	1 493 083 20 200	(D) 163	10 100	18 047 245	7 209 43	13 344 157	20 843 317
\$250,000 to \$499,999	\$1,000	3 103 103 4 957	(D) 42	13 003 16	37 315 27	(D)	25 002 39	47 349 82
\$500,000 or mare	\$1,000	1 659 468 1 630	(D)	4 681	8 935	(D)	12 413 25	26 511 20
1982 value of sales1:	\$1,000	1 643 439	5 142	4 718	2 996	(D)	20 855	32 199
Less than \$1,000	farms \$1,000	3 219 1 133	16 7	15 4	26 6	62 (D)	20	31 12
\$1,000 to \$2,499		4 873 8 192	34 61	26 44	39 70	80 132	20 29	47 80
\$2,500 to \$4,999		5 535 20 187	47 171	25 91	34 123	93 357	24 86	86 315
\$5,000 to \$9,999		8 230 60 106	72 531	73 523	88 638	150 1 054	47 323	100 745
\$10,000 to \$19,999	farms	12 276	139	108	133	177	94 1 397	133 1 945
\$20,000 to \$24,999	\$1,000 farms	181 108 5 255	2 051 68	1 625 45	1 944 39 865	2 527 48 1 087	53 1 212	51 1 149
\$25,000 to \$39,999	\$1,000 farms	117 499	1 521 125	999	151	113	111 3 554	200 6 439
\$40,000 to \$49,999	\$1,000 farms	424 231 7 295	3 936 69	2 997 42 1 870	4 887 74 3 337	3 550 49 2 213	60 2 687	90 4 052
\$50,000 to \$99,999	\$1,000 farms	326 300 25 735	3 054 270	185	280	90	217	388
\$100,000 to \$249,999	\$1,000 farms	1 855 005 22 929	19 099 195	12 903 101	20 143 239	6 394 32	15 352 190	27 989 364
\$250,000 to \$499,999	\$1,000 farms	3 491 069 5 199	28 873 27	14 552 17	34 891 28	4 386 5	29 892 48	54 879 76
\$500,000 or more	\$1,000 farms	1 745 534 1 660	9 549 3	5 370 7	9 200	1 549	16 652 21	24 881 19
Sales by commodity or commodity group	\$1,000	1 592 815	2 188	6 384	2 049	-	21 414	15 695
Crops, including nursery and greenhor crops	use	83 940	787	521	663	545	684	1 204
•	1982 \$1,000, 1987	92 378 3 660 117	871 31 015	582 16 407	651 10 238	602 9 222	727 29 364	1 341 59 680
Grains	1982	4 143 086 81 042	26 759 776	16 108 508	11 805 620	(D) 474	29 524 676	66 985 1 179
	1982 \$1,000, 1987	89 676 3 563 323	849 30 480	568 16 092	600 9 187	558 8 247	705 29 004	1 315 59 012
Corp for group	1982	4 042 552 72 356	26 189 681	15 682 427	10 846 547	7 917 371	28 798 577	66 338 1 0 6 8
Corn for grain	1982 \$1,000, 1987	76 287 1 961 527	687 16 606	423 8 538	556 8 118	353 3 975	582 15 560	1 153 30 432
Wheat	1982	2 459 061 1 188	15 347	8 038 16	10 016	4 108	16 595	38 804 15
wileat	1982 \$1,000, 1987	2 605 2 726	28 (D)	60 21	(D)	38 (D)	13 40	12
	1982	8 447	(D)	(D)	(D)	56	(D)	(D)
Soybeans	farms, 1987 1982	68 166 73 043	666 721	451 513	119 93	396 459	607 587	1 061 1 157
	\$1,000, 1987 1982	1 573 168 1 541 608	13 551 10 479	7 429 7 312	728 646	4 242 3 711	13 093 11 820	28 043 26 928
Sorghum for grain		57 118	-	3 3	-	1	- ī	1
	\$1,000, 1987 1982	477 812	-	(D) (D)	-	(D)	(D)	(D)
Barley	farms, 1987	81	-	-	3	-	_	-
	1982 \$1,000, 1987	(NA) 116	(NA)	(NA)	(NA) (D)	(NA)	(NA)	(NA)
Oats		(NA) 11 842	(NA) 130	(NA) 64	(NA) 178	(NA) 31	(NA) 122	(NA) 268 328
	1982 \$1,000, 1987	15 064 19 604	182 175	99 84	139 294	42 21	174 241	452
011	1982	26 314	245	144	170	(D)	310	545
Other grains ²	1982	677 486	7 6	1 -	16 2	1 -	6 1	8 4 50
	\$1,000, 1987 1982	5 705 6 310	(D) (D)	(D)	43 (D)	(D)	71 (D)	52 (D)

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbraviations and symbols,	, 1241)							
ltem		Black Hawk	Boona	Bremer	Buchanan	Buena Vista	Butlar	Calhour
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total salas (see taxt)	farms, 1987	1 269	1 029	1 140	1 332	1 097	1 294	992
	\$1,000, 1987	1 352 99 933	1 153 91 247	1 287 75 029	1 403 109 025	1 185 132 273	1 467 105 209	1 164 98 179
Avarage per farm		103 234 78 750	102 853 88 676	80 646 65 815	112 935 81 851	138 266 120 577	110 495 81 305	115 921 98 971
1987 value of salas:	1982	76 356	89 204	62 662	80 496	116 680	75 320	99 588
Lass than \$1,000	\$1,000	55 12	48 19	69 29	33 14	15 5	36 13	10
\$1,000 to \$2,499	\$1,000	73 118	49 86	68 107	64 107	25 40	70 112	20
\$2,500 to \$4,999	\$1,000	73 267	56 203	55 198	59 216	26 97	50 173	3- 11:
\$5,000 to \$9,999	\$1,000	109 780	79 573	99 697	81 601	58 437	73 549	5° 37°
\$10,000 to \$19,999	farms	189 2 794	113 1 639	145 2 093	183 2 795	109 1 607	141 2 095	104 1 634
\$20,000 to \$24,999	farms	57 1 282	42 936	55 1 245	70 1 574	54 1 215	66 1 487	3.
\$25,000 to \$39,999	\$1,000 farms \$1,000	137 4 397	102 3 288	114 3 636	189 5 989	117 3 808	175	12
\$40,000 to \$49,999	\$1,000 farms \$1,000	55	56	80	67	80	5 606 78	3 85 5
\$50,000 to \$99,999		2 463	2 516 222	3 556 240	2 984 251	3 556 251	3 495 278	2 61- 21.
\$100,000 to \$249,999	\$1,000	15 644 224	16 342 185	17 250 165	18 342 244	18 409 250	20 195 251	15 82 25
\$250,000 to \$499,999	\$1,000	35 045 62	29 666 59	25 954 39	39 081 80	38 359 77	38 872 61	37 56: 6
\$500,000 or mora	\$1,000	21 077	20 565 18	12 343 11	26 536	27 248 35	20 715 15	19 62
1982 value of sales1:	\$1,000	16 054	15 415	7 922	10 787	37 491	11 899	15 75
Lass than \$1,000	farms \$1,000	44 17	42 (D)	30 15	33 (D)	18 (D)	30 13	1
\$1,000 to \$2,499	farms \$1,000	92 149	65 105	80 139	50 85	22 37	67 111	50
\$2,500 to \$4,999	farms \$1,000	69 255	61 224	78 287	65 246	33 126	56 200	5 7 2 9 5
\$5,000 to \$9,999	farms	108 760	62	100 724	100 773	31 255	100	5: 38:
\$10,000 to \$19,999	\$1,000 farms	180	449 114	168	142	99	733 162	10
\$20,000 to \$24,999	\$1,000	2 661 71	1 672 46	2 483 69	2 058 72	1 472	2 400	1 66-
\$25,000 to \$39,999	\$1,000	1 580 149	1 025 127	1 548 157	1 624 190	870 133	1 649 193	839 123
\$40,000 to \$49,999	\$1,000	4 820 85	3 991 61	5 061 102	6 209 101	4 247 91	6 250 100	3 88
	\$1,000	3 799	2 707	4 605	4 576	4 103	4 488	7: 3 27:
\$50,000 to \$99,999	\$1,000	239 17 345	266 18 988	269 19 311	293 20 951	303 22 353	357 26 218	32 23 59
\$100,000 to \$249,999	\$1,000	235 37 479	223 34 124	190 28 673	268 40 575	307 46 945	39 302	27: 42 39
\$250,000 to \$499,999	\$1,000	16 989	64 21 427	36 11 873	74 25 358	77 25 721	52 17 341	5: 18 03:
\$500,000 or more	farms \$1,000	23 17 05 9	20 18 056	5 929	14 10 308	30 30 137	15 11 790	21 21 67
Salas by commodity or commodity group: Crops, including nursary and greenhous						270		00
crops	1982	1 059 1 136	882 990	889 1 057	1 087 1 143	972 1 065	1 061 1 210	90 1 05:
	\$1,000, 1987 1982	50 001 55 082	54 049 59 071	31 102 34 808	46 360 51 248	50 449 58 562	43 198 48 887	57 725 62 86
Grains	1982	1 011 1 102	854 950	865 1 031	1 072 1 123	962 1 057	1 040 1 191	89 1 04
	\$1,000, 1987 1982	47 367 52 959	52 309 57 521	30 534 34 183	45 783 50 757	50 201 58 208	42 330 48 186	57 49 62 48
Com for grain	farms, 1987 1982	925 968	780 852	793 927	956 990	881 942	948 1 047	83: 92:
	\$1,000, 1987 1982	28 305 33 971	26 352 33 111	19 395 23 973	30 117 36 817	24 271 32 456	24 579 30 752	26 40 33 75
Wheat		4 6	9	23 373	8 5	3 3	6 9	33 73
	\$1,000, 1987 1982	12	(D) 58	(D) (D)	15	(D) 17	17	(D
Soybaans		(D) 867	794	690	(D) 869	924	(D) 926	
,	1982 \$1,000, 1987	900 18 850	869 25 716	800 10 848	829 15 296	974 25 720	1 008 17 468	853 983 30 863
Sorghum for grain	1982	18 656	24 033	10 032	13 742	25 347	16 933	28 25
	1982 \$1,000, 1987	1	(D)	-	-	3	-	
	1982	(D)	(D)	-	-1	(D)	-	
Barlay	1982	(NA)	(NA)	(NA)	(NA)	2 (NA)	(NA)	(NA
	\$1,000, 1987 1982	(NA)	(NA)	(NA)	(NA)	(D) (NA)	(NA)	
Oats	farms, 1987 1982	111	97 152	149 144	187 175	94 166	193 244	(NA 7: 16
	\$1,000, 1987 1982	162 219	173 173 307	194 165	276 180	143 298	259 403	18- 40:
Other grains ²		12	6	5	10	5	3	
g.w	1982 \$1,000, 1987	9 38	2 47	2	80	38	12	(D
	1982	25	(D)	(D) (D)	(D)	(D)	(D)	0,0

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickesaw	Clarka
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Fotal sales (see text)	farms, 1987	1 319	942	1 170	929	1 091	1 054	697
	1982 \$1,000, 1987 1982	1 396 170 623 186 526	1 087 83 023 88 165	1 323 104 711 125 868	1 045 83 002 100 262	1 214 119 253 139 215	1 180 85 162 84 906	766 27 280 28 742
Average par farm		129 358 133 615	88 135 81 109	89 497 95 138	89 346 95 944	109 306 114 675	80 799 71 954	39 139 37 522
1987 value of sales: Less than \$1,000		16	20	30	44	18	30	39
\$1,000 to \$2,499	\$1,000 farms	2 26	9 34	10 66	20 50	5 34	11 52 83	12 52 91
\$2,500 to \$4,999		39 36	51 39	108 46	75 41	55 37	51	54
\$5,000 to \$9,999	\$1,000 farms	139 61	144 76	169 60	142 41	126 63	188 97	182 105
\$10,000 to \$19,999		463 96	562 138	427 125	306 75	447 91	710 118	773 101
\$20,000 to \$24,999		1 487 74	2 095 48	1 832 54	1 089 38	1 369 58	1 749 48	1 506 56
\$25,000 to \$39,999		1 675 140	1 050 106	1 184 116	861 107	1 300	1 056 139	1 253 81
\$40,000 to \$49,999		4 528 86	3 413 55	3 687 74	3 464 62	4 614	4 460 52	2 531 49
\$50,000 to \$99,999	\$1,000 farms	3 845 293	2 460 191	3 290 255	2 779 195	3 219 232	2 298	(D) 95
\$100,000 to \$249,999	\$1,000	21 020 364	14 258 171	18 616 269	14 633 213	16 325 238	17 150 177	(D 53
\$250,000 to \$499,999	\$1,000	55 673 89	26 307 44	41 876 59	32 540 51	36 887 78	27 298 39	8 014 10
\$500,000 or more		30 478 38	14 480 20	19 238 16	16 624 12	26 437 27	13 624 19	(D
1982 value of sales1:	\$1,000	51 273	18 193	14 275	10 470	28 470	16 535	(D
Less than \$1,000	\$1,000	14 (D)	27 12	28	27 (D)	16	33 11	35 14
\$1,000 to \$2,499	\$1,000	24 35	43 75	46 79	50 81	32 57	62 101	50 88
\$2,500 to \$4,999 \$5,000 to \$9,999	\$1,000	23 82 54	41 154 92	52 186	48 173	36 132	71 253 94	74 279
	\$1,000	406	680	67 490	45 353	66 486	705	101 733
\$10,000 to \$19,999	\$1.000	101 1 484	129 1 947	109 1 602	93 1 382	70 1 076	154 2 302	112 1 646
\$20,000 to \$24,999	\$1,000	57 1 265	46 1 035	44 975	27 606	1 480	61 1 365	68 1 527
\$25,000 to \$39,999	\$1,000	198 6 394	128 4 022	147 4 741	111 3 521	127 4 185	139 4 427	91 2 975
\$40,000 to \$49,999	\$1,000	99 4 372	77 3 407	79 3 52 9	62 2 775	94 4 213	75 3 380	48 2 161
\$50,000 to \$99,999	farms \$1,000	379 27 072	261 18 489	335 24 427	258 18 775	289 20 883	248 17 983	124 8 465
\$100,000 to \$249,999		318 49 335	179 26 690	311 48 430	243 36 717	299 45 953	190 28 049	7 790
\$250,000 to \$499,999	farms \$1,000	87 30 236	46 15 487	85 27 646	61 20 554	82 27 858	36 12 100	(D
\$500,000 or more	farms \$1,000	41 65 775	18 16 167	20 13 753	19 15 143	36 32 886	17 14 230	(D
Sales by commodity or commodity group Crops, including nursery and greenhou								
crops	farms, 1987 1982	1 116 1 171	802 890	938 1 075	790 887	937 1 034	867 929	471 525
	\$1,000, 1987 1982	49 277 47 143	36 154 35 329	42 138 60 021	50 091 61 184	41 169 (D)	32 528 33 730	9 021 10 060
Grains	1982	1 100 1 151	794 871	920 1 055	764 866	925 1 021	848 916	427 500
	\$1,000, 1987 1982	48 765 45 589	35 665 34 846	41 586 59 469	48 335 59 374	40 610 43 373	31 956 33 143	8 548 9 593
Corn for grain	farms, 1987 1982	955 900	724 721	845 981	718 775	829 806	758 769	346 351
	\$1,000, 1987 1982	24 998 24 525	19 472 20 197	26 102 43 985	28 317 38 757	19 972 23 286	19 809 21 973	4 689 5 227
Wheat	1982	3 6	21 52	13	2 3	- 4	6 5	14
	\$1,000, 1987 1982	(D) (D)	(D) 254	(D) 40	(D) (D)	(D)	(D) 8	(D) 23
Soybeans	farms, 1987 1982	1 037 1 058	724 767	770 724	681 759	860 931	691 751	346 412
	\$1,000, 1987 1982	23 206 20 519	15 976 14 185	15 248 15 166	19 852 20 372	20 420 19 589	11 845 10 990	3 824 4 279
Sorghum for grain		20 319	14 103	-	20 372			7 2/3
	\$1,000, 1987 1982	(D)	(D)	-	-	-	-	(D)
Barløy	farms, 1987	-	-	-	. 1	1	1	
	1982 \$1,000, 1987	(NA)	(NA)	(NA)	(NA) (D)	(NA) (D)	(NA) (D)	(NA)
Oats		(NA) 215	(NA) 87	(NA) 141	(NA) 84	(NA)	(NA) 177	(NA 36 63 28 57
	1982 \$1,000, 1987	247 377	137 88	190 215	133 134	195 142	145 255	63 28
Other grains ²	1982 farms 1987	476 13	179	276	(D) 4	436	173	5/
Other grants	1982 1982 \$1,000, 1987	7 (D)	11 11 74	3 (D)	(D)	5 (D)	27	(D

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

For maining of appreviations and symbols,	see introductory text)							
ltem		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text)	ferms, 1987 1982	877 1 045	1 705 1 725	1 437 1 570	1 339 1 511	1 081 1 208	921 954	715 769
	\$1,000, 1987 1982	93 702 113 976	144 817 132 447	115 717 147 280	111 095 121 565	78 495 96 457	33 396 37 351	35 571 37 804
Average per farm		106 844 109 068	84 937 76 781	80 527 93 809	82 968 80 453	72 613 79 848	36 261 39 152	49 749 49 160
1987 value of sales: Less than \$1,000		23	55	51	27	76	67	63
\$1,000 to \$2,499		6 26	13 61	16 59	5 4 4	26 91	21 62	15 53 87
\$2,500 to \$4,999	\$1,000 farms	40 27	103 80	92 60	67 69	145 85	109 107	56
\$5,000 to \$9,999		99 46	310 126	210 121	246 95	309 94	385 142	201 97
\$10,000 to \$19,999		338 96	940 191	922 171	706 173	668 131	1 040 173	691 119
\$20,000 to \$24,999		1 401 37	2 781 74	2 532 89	2 518 67	1 874 48	2 519 47	1 677 41
\$25,000 to \$39,999		826 96	1 654 152	1 996 165	1 506 163	1 079 109	1 038 92	936 81
\$40,000 to \$49,999	\$1,000 farms	3 084 64	4 959 81	5 274 75	5 190 84	3 548 53	2 980 36	2 694 27
\$50,000 to \$99,999	\$1,000	2 897	3 648 383	3 366 288	3 735 268	2 340	1 615	1 195 98
\$100,000 to \$249,999	\$1,000 farms	12 932 209	28 309 400	21 081 265	19 313 280	13 116 162	7 515 70	6 917 63
\$250,000 to \$499,999		31 781 54	61 751 86	41 462 72	42 809 46	26 208 40	10 658 16	9 824 9
\$500,000 or mora	\$1,000 farms	18 727 21	27 267 16	24 205 21	15 213 23	13 975 13	5 516	2 976 8
1982 value of sales1: Less than \$1,000	\$1,000	21 571	13 083	14 562	19 786	15 207	-	8 358
\$1,000 to \$2,499	\$1.000	17 4 29	36 7	35 (D)	12	72 28	49 21 70	43 10
\$2,500 to \$4,999	\$1,000	46 33	56 93 91	86 147 63	35 61 52	65 106 66	124 98	52 87 58
\$5,000 to \$9,999	\$1,000	120	334 109	229 82	185 101	234 109	360 132	220 104
	\$1,000	325	798	588	748	795	976	790
\$10,000 to \$19,999	\$1,000	1 381	168 2 467	138 2 105	171 2 500	142 2 067	164 2 327	135 1 983
\$20,000 to \$24,999	\$1,000	50 1 117	92 2 074	1 393	63 1 413	1 099	1 319	43 967
\$25,000 to \$39,999 \$40,000 to \$49,999	\$1.000	128 4 162	167 5 331 128	179 5 785	7 085 109	122 3 932 57	116 3 746	88 2 796 32
	\$1,000	2 453	5 735	3 705	4 816	2 534	2 254	1 427
\$50,000 to \$99,999	\$1,000	266 19 356	413 29 377	366 26 666	381 27 515	246 17 588	118 8 083	110 7 929
\$100,000 to \$249,999	\$1,000	243 37 287	397 58 643	349 55 538	273 40 256	209 31 785	12 701	84 13 147
\$250,000 to \$499,999	\$1,000	21 971	18 532	35 285	21 232	19 558	12 (D)	17 6 056 3
\$500,000 or more Sales by commodity or commodity group: Crops, including nursery and greenhous	\$1,000	25 25 753	9 056	15 749	15 742	14 16 731	(D)	2 391
crops	1982	771 921	1 148 1 084	1 135 1 255	1 069 1 240	885 995	571 636	450 507
	\$1,000, 1987 1982	45 068 51 948	24 381 25 196	42 915 64 062	43 007 (D)	48 626 58 083	10 271 14 739	11 225 12 865
Grains	1982	765 901	1 075 1 015	1 101 1 240	1 048 1 227	827 949	515 603	396 464
	\$1,000, 1987 1982	44 585 51 290	22 489 23 827	41 956 63 061	42 454 42 843	47 390 57 526	9 871 14 083	10 681 12 236
Corn for grain	1982	720 783	990 969	1 014 1 159	938 963	739 825	401 429	294 299
	\$1,000, 1987 1982	21 767 28 228	19 438 22 608	27 648 48 420	23 453 23 190	24 952 33 867	4 884 8 325	5 00 2 6 25 4
Wheat	1982	2	7	31 14	7 27	7 9	26 76	13 42
	\$1,000, 1987 1982	(D)	15 (D)	(D) 28	(D) (D)	(D) 41	(D) 142	(D) 191
Soybeans	farms, 1987 1982	725 841	170 102	788 735	946 1 083	713 820	423 477	348 407
	\$1,000, 1987 1982	22 640 22 747	2 215 837	13 954 14 246	18 274 18 422	22 277 23 433	4 897 5 566	5 604 5 74 1
Sorghum for grain	farms, 1987 1982		-	1	1 3	2	1 2	3 2
	\$1,000, 1987 1982	-	-	(D)	(D) (D)	(D)	(D) (D)	17 (D)
Barley	farms, 1987	(814)	4 (NA)	-	-	(NA)	(NA)	(NA)
	1982 \$1,000, 1987 1982	(NA) (NA)	(NA) (D) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Oats	farms, 1987 1982	63 142	407 259	213 203	240 354	76 106	54 54	14
	\$1,000, 1987 1982	140 (D)	759 (D)	296 344	391 827	125 162	47 44	23 (D) (D)
Other grains ²	farms, 1987	4	4	5	30	1	1	4
	1982 \$1,000, 1987	38	1 (D) (D)	(D)	34 320	(D)	(D)	7 27
	1982	- 1	(D)	(D)	248	(D)	(D) I	26

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols	s, see introductory text)	i	1			1			
ltem		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1987	1 452	753	593	1 689	609	1 510 1 641	985	1 012
	\$1,000, 1987	1 481 167 550	815 43 779	652 64 239	1 708 153 085	714 56 925	135 367	1 097 78 949	1 168 110 938
Average per farm		153 387 115 392	57 886 58 139	78 289 108 329	135 663 90 636	70 747 93 472	146 466 89 647	87 316 80 151	130 341 109 623
1987 value of sales:	1982	103 570	71 026	120 076	79 428	99 085	89 254	79 595	111 593
Less than \$1,000	\$1.000	37 16	38 14	17 8	43 16	9 2	34 14	44 20	16 6
\$1,000 to \$2,499	\$1,000	38 64	67 113	19 29 28	73 124	30 48	50 82	45 76	30 47
\$2,500 to \$4,999	\$1,000	44 169	55 198	95	72 252	19 72	44 167	45 170	26 94 45
\$5,000 to \$9,999	farms \$1,000	55 403	75 560	32 229	117 829	29 206	82 607	74 520	45 320
\$10,000 to \$19,999	farms \$1,000	108 1 576	117 1 650	81 1 201	150 2 166	51 740	166 2 545	125 1 785	73 1 052
\$20,000 to \$24,999	farms \$1,000	50 1 117	42 937	23 520	52 1 141	16 364	72 1 593	39 864	46 1 034
\$25,000 to \$39,999	farms \$1,000	109 3 484	89 2 840	58 1 807	170 5 543	55 1 791	200 6 404	112 3 626	129 4 182
\$40,000 to \$49,999	farms \$1,000	87 3 899	33 1 508	27 1 208	87 3 912	49 2 184	73 3 283	59 2 690	74 3 332
\$50,000 to \$99,999	farms	296	111	135	400	158	333	198	239
\$100,000 to \$249,999	\$1,000 farms	21 848 471	7 908 90	9 947 127	29 248 418	11 447 156	24 454 365	14 041 184	17 532 251
\$250,000 to \$499,999	\$1,000 farms	73 006 132	14 168 32	19 551 32	63 896 87	23 500 31	57 105 70	28 118 50	39 250 63
\$500,000 or more	\$1,000 farms	45 073 25	10 368 4	10 801 14	29 044 20	11 321 6	24 661 21	16 870 10	21 757 20
1982 value of sales1:	\$1,000	16 895	3 515	18 844	16 913	5 249	14 451	10 169	22 332
Less than \$1,000	\$1,000	16 8	40 16	11 (D)	44 (D)	12 2	36 (D)	35 (D)	15 4
\$1,000 to \$2,499	farms \$1,000	36 60	70 116	19 (D)	59 98	18 31	58 95	57 94	33 59
\$2,500 to \$4,999		41 149	54 199	16 56	72 253	25 I 94	81 297	52 191	26 102
\$5,000 to \$9,999		61 435	68 498	35 254	98 717	31 219	102 742	86 635	46 334
\$10,000 to \$19,999	farms	115	98	42	172	46	157	113	87
\$20,000 to \$24,999	\$1,000 farms	1 687 47	1 479 38	639 27	2 454 79	685 i	2 300 74	1 654 51	1 380 36
\$25,000 to \$39,999	\$1,000 farms	1 040 124	860 100	591 79	1 765 153	319 78	1 652 185	1 141 134	794 122
\$40,000 to \$49,999	\$1,000 farms	4 006 85	3 240 54	2 541 37	4 980 120	2 557 49	5 878 89	4 314 69	3 979 90
\$50,000 to \$99,999	\$1,000	3 769 370	2 435 138	1 691 169	5 330 439	2 196 210	3 973 372	3 073 241	4 038 325
\$100,000 to \$249,999	\$1,000	27 487 467	9 707 122	12 118 153	31 770 398	15 282 183	26 436 377	17 303 197	24 077 306
\$250.000 to \$499.999	\$1.000	72 969 107	19 846 25	23 027 46	60 594 63	27 391 39	56 506 87	30 464 47	46 627 58
\$500,000 or more	\$1,000	34 346 12	8 153	16 135 17	21 294 10	12 961	29 720	15 559 14	19 162 24
	\$1,000	7 431	11 336	21 153	6 301	9 009	18 690	12 810	29 786
Sales by commodity or commodity group Crops, including nursery and greenhou	ise								070
crops	1982	1 008 993	632 668	509 579	901 866	535 632	1 182 1 256	838 947	872 1 022
	\$1,000, 1987 1982	28 898 34 561	25 572 37 625	28 789 33 323	13 455 15 467	35 975 42 394	47 848 47 553	45 432 51 012	56 025 64 281
Grains	1982	952 943	613 650	488 566	805 774	527 629	1 148 1 212	821 933	865 1 014
	\$1,000, 1987 1982	27 749 33 614	24 333 36 701	28 208 32 503	11 569 14 100	35 763 42 276	46 684 46 095	42 600 46 693	54 773 62 917
Corn for grain	farms, 1987 1982	825 860	554 582	444 500	716 727	500 575	1 061 1 070	764 821	830 915
	\$1,000, 1987 1982	21 480 28 663	14 297 25 171	14 280 18 202	10 073 13 300	17 840 24 513	31 745 32 839	23 833 29 105	30 932 38 861
Wheat	farms, 1987 1982	17	42 82	5	9	1	10	4 6	3
	\$1,000, 1987 1982	21 (D)	89 272	(D) (D)	9 (D)	(D) (D)	17 (D)	2 25	(D) (D)
Soybeans		469	520	463	101	502	770	738	798
	1982 \$1,000, 1987	340 5 723	523 9 901	509 13 789	49 974	593 17 858	771 14 365	829 18 490	916 23 650
Sorghum for grain	1982 farms, 1987	4 648	10 932	14 090	473 2	17 682	12 835	17 274	23 481 1
	1982 \$1,000, 1987	-	-	-	(D)	-	-	-	(D)
	1982	-	-	-	i -	-	-	-	-
Barley	1982	(NA)	(NA)	(NA)	10 (NA)	(NA)	(NA)	(NA)	(NA)
Onto	\$1,000, 1987 1982	8 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5 (NA) 91
Oats	1982	252 182	38 40	60 101	269 199	27 56	299 281	125 185	167
	\$1,000, 1987 1982	502 283	(D) (D)	123 195	491 271	(D) (D)	533 387	251 289	128 (D)
Other grains ²		9	2 2	2 2	6	1	7	7	6 19
	\$1,000, 1987	14	(D) (D)	(D) (D)	(D) (D)	(D)	22 (D)	24	19 25 317
	1982	(D)	(0) 1	(0)	(ט)	- 1	(D)	- 1	317

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

		I .	I						
łtem		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)ferm	s, 1987 1982	719 771	948 1 054	1 037 1 135	960 1 105	1 026 1 158	1 052 1 176	1 065 1 208	1 024 1 192
\$1,00	0, 1987 1982	67 911 70 257	89 981 106 260	120 898 120 734	64 788 76 955	133 865 151 257	97 752 115 130	115 469 133 094	81 515
Average per tarmdollar		94 452 91 125	94 916 100 816	116 584 106 374	67 487 69 643	130 473 130 619	92 920 97 900	108 422 110 177	85 100 79 604 71 393
1987 value of sales: Less then \$1,000		24	27	24	32	28	18	28	19
\$1,000 to \$2,499	\$1.000	5 26	12 40	32	10 56	13 30	7 24	9 29	7
\$2,500 to \$4,999	\$1,000	43 37	65 36	49 24	95 53	48 41	43 36	47 39	44 69 60
\$5,000 to \$9,999	\$1,000 _ farms	131 54	121 66	83 49	200 84	150 46	128 46	143 48	223 76
\$10,000 to \$19,999	\$1,000	398 83	464 74	385 88	605 148	347 96	355 90	321 106	548 115
	\$1,000	1 189	1 119	1 368	2 195 68	1 419 51	1 340 56	1 595 47	1 679 54
\$25,000 to \$39,999	\$1,000 _ farms	849 87	694 124	868 137	1 524 114	1 145 98	1 283 127	1 041 124	1 213 118
\$40,000 to \$49,999	\$1,000 farms	2 800 33	3 996 52	4 437 77	3 589 53	3 270 78	4 037 64	4 004 64	3 775 50
\$50,000 to \$99,999	\$1,000	1 470 154	2 295	3 472	2 350 173	3 491	2 841	2 814 214	2 241 236
\$100,000 to \$249,999	\$1,000	11 382 142	14 964 230	15 995 249	12 151 143	17 376 228	17 710 281	15 683 254	17 292 201
\$250,000 to \$499,999	\$1.000	20 906 32	35 620 44	37 833 62	22 159 27	34 736 52	43 929 54	39 548 85	29 798 35
\$500,000 or mora	\$1,000 farms	10 659 9	15 079 17	20 621 30	8 829 9	17 439 42	17 852 10	27 757 27	12 006 16
1982 value of sales1:	\$1,000	18 079	15 551	35 780	11 081	54 432	8 229	22 509	12 664
Lass than \$1,000	\$1.000	17 5	21 9	15 5	41 (D)	21 7	(D)	(D)	36 12
\$1,000 to \$2,499 \$2,500 to \$4,999	e = 000	29 52	30 50	32 51	51 83	34 58 25	30 58 24	43 78	45 75 60
\$5,000 to \$9,999	@ 1 OOO I	40 143 50	42 159 61	29 107 46	65 221 105	86 45	89 24	42 150 73	215 100
	\$1,000	355	452	332	787	321	193	538	720
\$10,000 to \$19,999	\$1.000	78 1 122	86 1 298	91 1 386	148 2 195	97 1 472	77 1 155	97 1 404	121 1 735
\$20,000 to \$24,999	\$1.000	39 876	38 837	52 1 166	52 1 154	51 1 117	995	1 372	39 875
\$25,000 to \$39,999	\$1.000	3 659	3 621	154 5 028	157 5 110	116 3 689	157 5 187	126 4 174	144 4 658
\$40,000 to \$49,999	\$1,000	49 2 165	68 3 048	3 971	59 2 631	81 3 608	87 3 888	70 3 126	72 3 210
\$50,000 to \$99,999	\$1,000	177 13 127	273 19 791	295 20 678	226 16 020	308 22 074	324 23 152	287 21 243	311 22 477
\$100,000 to \$249,999	\$1,000	145 20 596	254 39 035	229 34 573	152 23 404	271 41 728	311 47 335	274 42 239	212 31 637
\$250,000 to \$499,999	\$1,000	6 980	18 036	70 23 431	32 10 188	72 24 810	75 24 447	28 486	43 13 956
\$500,000 or more	- farms \$1,000	21 175	16 19 924	30 005	15 15 104	52 286	8 599	29 993	9 5 531
Sales by commodity or commodity group: Crops, including nursery and greenhouse									
cropsfarm	1982	619 663	821 929	895 966	748 878	915 1 028	944 1 060	914 1 015	882 1 027
	1987	37 379 38 588	58 970 65 450	57 236 (D)	30 747 32 851	57 639 67 458	52 901 62 051	53 889 59 098	49 914 53 164
Grainsfarm	1987 1982 0, 1987	606 655	808 916 58 384	886 958	726 843 30 150	904 1 017 57 336	934 1 050 52 695	891 996 53 150	859 998 49 453 52 304
	1982	36 570 37 247	64 759	55 815 59 861	31 140	67 266	61 620	58 491	
Corn for grainfarm	1982	540 544	771 838	832 869	656 699	849 928	884 956	825 885	792 860
	1987 1982	16 643 17 953	28 551 35 635	31 292 36 877	16 192 17 989	30 098 39 394	29 208 37 328	29 512 35 453	27 284 28 721
Wheatfarm	1987 1982 10, 1987	19 61	5	5 1	10	2 1	3	2	30 146 85
\$1,00	1982	50 193	10 (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D)	624
Soybeanstarm	ns, 1987 1982	576 627	781 862	826 858	642 712	839 942	871 969	819 873	782 900
	0, 1987 1982	19 588 18 812	29 670 28 820	24 373 22 679	13 756 12 707	27 110 27 705	23 290 24 052	23 494 22 706	21 282 22 178
Sorghum for grainfarm	1982	6	-	-	5	- 1	1	-	3
\$1,00	1987 1982	32 74	-	-	(D)	(D)	(D)	-	16
Barleyferm	ns, 1987 1982	 (NA)	1 (NA)	(NA)	_ (NA)	(NA)	(NA)	(NA)	(NA)
	1987	(NA)	(D) (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA) 73
Oatsfarm	ns, 1987 1982	12 24	82 115	89 149	126 193	65 115	112 181	84 123	123
\$1,00	00, 1987 1982	26 35	146 233	127 277	193 337	81 131	166 227	(D) 308	110 339
Other grains ² farm		21	3	2	2	5	5	4 5	27 14
-	1982	14	2	4			1		

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meening or abbreviations and symbols, si									
MARKET VALUE OF ACRICUL		Henry	Howard	Humboldt	lda	lowe	Jackson	Jasper	Jefferson
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1987 1982	893 963	938 1 055	754 848	787 874	1 057 1 150	1 354 1 422	1 465 1 589	775 894
	\$1,000, 1987 1982	55 693 72 834	66 773 70 388	77 786 88 363	80 294 88 454	91 299 106 795	93 723 91 759	119 686 135 838	44 126 53 290
Average per farm	dollars, 1987 1982	62 367 75 632	71 186 66 718	103 164 104 202	102 026 101 206	86 376 92 865	69 219 64 528	81 697 85 486	56 936 59 608
1987 value of sales: Less then \$1,000	farms	48 14	29 11	14	11	30	42	66 28	46
\$1,000 to \$2,499	farms	69 110	33	11 18	19 33	43 74	72 123	85 138	13 62 109
\$2,500 to \$4,999	farms	83 300	40 143	15 53	19 75	45 164	71 254	90 333	53 197
\$5,000 to \$9,999	farms \$1,000	86 625	56 420	29 205	49 352	90 648	150 1 090	117 849	90 638
\$10,000 to \$19,999	farms \$1,000	100 1 471	116 1 680	58 850	71 1 037	131 1 920	189 2 690	171 2 595	115 1 681
\$20,000 to \$24,999		62 1 386	51 1 139	35 788	1 133	64 1 426	77 1 733	85 1 921	33 728
\$25,000 to \$39,999	\$1,000	96 3 066	138 4 421	117 3 777	86 2 716	121 3 782	162 5 129	131 4 078	87 2 753
\$40,000 to \$49,999	farms \$1,000	2 120	3 125	2 344	66 2 892	2 943	71 3 144	3 303	36 1 586
\$50,000 to \$99,999	\$1.000	140 10 011	208 15 356	177 12 856	185 13 319	207 14 851	249 17 662	244 18 098	126 8 767
\$100,000 to \$249,999	\$1.000 ₋	113 17 462	153 22 675	187 28 819	161 24 849	192 29 9 80	216 32 778	303 47 400	91 14 281
\$250,000 to \$499,999	\$1,000	13 181	10 103	13 709	18 131	16 373	13 402	28 023	10 941
\$500,000 or more	\$1,000	5 949	7 644	16 14 359	18 15 756	18 19 128	15 15 710	12 920	2 433
1982 value of sales1: Less than \$1,000	\$1,000	26 (D)	20	9 5	18	26 (D)	40 17	45 (D)	33 (D)
\$1,000 to \$2,499	farms	67 116	17 31	17 27	23 37	45 78	68 114	70 111	44 70
\$2,500 to \$4,999	\$1,000 !	77 284	47 174	10 38	17 65	37 138	66 246	86 305	70 235
\$5,000 to \$9,999	farms \$1,000	80 570	83 628	33 243	39 280	74 559	110 788	114 844	93 663
\$10,000 to \$19,999	\$1,000	111 1 674	121 1 740	64 986	72 1 095	137 2 035	201 2 965	179 2 649	111 1 567
\$20,000 to \$24,999	\$1,000	43 968	55 1 228	36 802	36 803	38 859	85 1 883	66 1 469	64 1 427
\$25,000 to \$39,999	\$1,000	103 3 340	159 5 069	3 261	96 3 051	4 621	168 5 320	168 5 417 92	105 3 402
\$40,000 to \$49,999	\$1,000	2 000	90 3 975	3 320	50 2 261	3 329	105 4 660	4 087	2 304
\$50,000 to \$99,999	\$1,000	176 12 636	256 18 356	215 15 683	17 002	255 17 867	310 21 934	22 974	156 11 367
\$100,000 to \$249,999	\$1,000	183 28 714	173 24 909	226 34 234	215 32 189 51	248 39 213 58	215 32 113 45	348 54 117 85	132 20 093 29
\$250,000 to \$499,999 \$500,000 or more	\$1,000	14 005 11	9 065 7	16 101 18	16 801 20	19 430 13	14 702	27 442 21	9 691 4
	\$1,000	8 471	5 205	13 665	14 867	18 607	7 019	16 344	2 454
Sales by commodity or commodity group: Crops, including nursery and greenhouse crops	farms 1987	695	764	686	658	846	855	1 150	586
иоря	1982 \$1,000, 1987	779 23 101	848 28 518	772 45 287	726 29 682	899 34 158	865 14 618	1 276 50 678	700 20 574
Grains	1982 farms, 1987	34 778 674	30 002 745	51 722 685	(D) 653	37 126 821	20 063 806	55 025 1 100	26 358 560
	1982 \$1,000, 1987	760 22 838	829 27 869	768 44 895	721 29 448	33 483	822 13 532	1 245 49 873	681 20 126 25 855
Corn for grain	1982 farms, 1987	34 456 586	29 468 663	51 521 649	30 204 578	36 374 720	19 062 723	54 006 997	469
	1982 \$1,000, 1987	686 13 495	705 15 869	701 21 366	564 16 267	763 23 120	777 11 147	1 050 28 199	560 10 038
Wheat		23 566 21	18 824 5 7	29 028 1 3	17 135 7 7 3	27 584 10 14	17 041 35 16	32 763 5 9	15 619 27 66
	1982 \$1,000, 1987 1982	57 (D) 100	7 51	(D) (D)	7 2	(D) (D)	52 (D)	(D) 21	68 13 9
Soybeans	farms, 1987	567	618	651	605	668	248	962	491
	1982 \$1,000, 1987	583 9 231	674 11 675	737 23 337	668 12 911	616 10 002 8 378	164 1 942 1 727	1 075 21 259 20 756	574 9 889 9 995
Sorghum for grain	1982 1987 1982	10 717	10 265 3	22 293	12 641	2		1	-
	\$1,000, 1987 1982	-	(D) (D)	(D)	-	(D) (D)	-	(D) (D)	-
Barley	farms, 1987	-	1	-	3 (818)	_	(010)	(010)	(NA)
	1982 \$1,000, 1987 1982	(NA) (NA)	(NA) (D) (NA)	(NA) (NA)	(NA) (D) (NA)	(NA) (NA)	(NA) (D) (NA)	(NA) (NA)	(NA) (NA)
Oats		54 77	182 213	72 76	80 154	195 200	233 186	219 290	(NA) 60 84
	\$1,000, 1987 1982	73 72	288 315	140 (D)	120 365	280 303	378 241	318 463	71 (D)
Other grains ²	farms, 1987	3	8	2	16	4	8	11	3 2
	\$1,000, 1987	(D)	2 17	(D)	9 (D)	3 35 66	(D) (D)	91 (D)	61 (D)
	1982	~	(D)	-	61	66	(<u>ŏ</u>) l	(D)	

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols	, see introductory text]								
Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)		1 356	1 161 1 307	1 036 1 193	1 718 1 885	989 1 060	1 690 1 810	634 699	690
	\$1,000, 1987	1 508 94 864	109 533	85 338	173 436	56 758	92 818	42 271	769 23 117
Average per farm		106 156 69 959	113 757 94 343 87 036	98 034 82 373	202 307 100 952	64 933 57 389	104 388 54 922 57 673	57 699 66 674	27 495 33 503 35 755
1987 value of sales: Lass than \$1,000	1982	70 395		82 175	107 324	61 258		82 545	
	\$1.000	95 33	32 11	25 8	14	75 29	105 35	11 6	63 17
\$1,000 to \$2,499	\$1.000	76 132	61 101	67 114	30 56	84 144	136 223	37 63	60 101
\$2,500 to \$4,999	\$1.000	103 377	50 187	73 277	26 97	91 335	158 565	31 114	84 326
\$5,000 to \$9,999	\$1,000	115 826	89 673	98 711	74 552	131 955	181 1 293	68 507	101 72 8
\$10,000 to \$19,999	\$1,000	174 2 547	135 1 976	111 1 574	119 1 767	143 2 032	257 3 820	76 1 1 119	103 1 482
\$20,000 to \$24,999	farms \$1,000	54 1 210	55 1 224	37 808	73 1 659	46 1 032	85 1 870	22 487	43 971
\$25,000 to \$39,999	farms \$1,000	129 4 210	120 3 884	87 2 708	225 7 158	88 2 664	206 6 545	72 2 279	67 2 0 57
\$40,000 to \$49,999	farms \$1,000	72 3 160	64 2 897	57 2 571	124 5 528	44 2 012	98 4 349	36 1 594	33 1 479
\$50,000 to \$99,999	farms	268	227	191	465	126	212	138	67
\$100,000 to \$249,999	\$1,000 farms	18 879 199	15 922 226	13 737 222	32 865 432	8 952 109	15 165 184	9 952 122	4 664 60
\$250,000 to \$499,999		30 579 49	34 440 74	33 574 52	65 457 109	17 347 40	29 473 62	18 149 18	8 410 9
\$500,000 or more		16 306 22	25 683 28	17 559 16	35 957 27	13 541 12	19 169 6	5 962 3	2 881
1982 value of sales1:	\$1,000	16 605	22 535	11 697	22 334	7 717	10 310	2 040	-
Less than \$1,000	\$1,000	89 31	35 11	19 5	19 7	67 28	104 37	13 (D)	44 (D) 58
\$1,000 to \$2,499	\$1,000	78 129	44 71	55 100	32 59	73 118	129 211	26 43	101
\$2,500 to \$4,999	\$1.000 i	83 287	72 267	67 249	24 79	95 354	141 515	44 160	84 308
\$5,000 to \$9,999	\$1,000	123 897	78 575	100 727	63 460	99 747	179 1 287	55 415	113 826
\$10,000 to \$19,999	farms \$1.000	187 2 738	112 1 650	145 2 115	112 1 788	158 2 355	271 3 989	69 1 008	125 1 831
\$20,000 to \$24,999		65 1 493	53 1 207	52 1 175	68 1 535	46 1 049	101 2 242	25 564	45 1 006
\$25,000 to \$39,999	farms \$1,000	170 5 511	159 5 178	126 4 045	206 6 770	122	199 6 388	69 2 161	83 2 674
\$40,000 to \$49,999	farms \$1,000	71 3 219	86 3 850	69 3 097	171 7 650	42 1 878	116 5 147	1 970	48 2 192
\$50,000 to \$99,999	farms	308	287	237	554	174	264	138	102
\$100,000 to \$249,999		21 540 265	20 803 291	17 274 259	40 228 485	12 336 133	18 894 242	10 004 181	7 529 57
\$250,000 to \$499,999	\$1,000 farms	41 053 57	44 702 75	40 768 49	73 143 108	20 690 41	37 686 52	27 505 25	7 884 9
\$500,000 or more	\$1,000 farms	20 274	25 065 15	16 780 15	35 857 43	13 798 10	16 413 12	8 122 9	2 849
Sales by commodity or commodity group	\$1,000	8 984	10 376	11 700	34 731	7 751	11 580	5 672	-
Crops, including nursery and greenhout	se	997	841	828	1 568	777	1 341	543	406
	1982 \$1,000, 1987	1 105 27 949	948 27 837	940 33 840	1 702 100 025	844 18 657	1 441 42 899	601 23 130	486 7 507
Grains	1982	40 002 920	(D) 811	(D) 816	111 625 1 552	27 856 733	56 889 1 247	35 144 532	8 499 372
Grans	1982 \$1,000, 1987	1 044 26 660	916 27 168	923 33 414	1 690 99 463	819 17 813	1 362 40 124	590 22 047	451 7 216
	1982	39 014	38 029	38 604	111 045	26 875	54 590	33 828	8 093
Corn for grain	1982	776 897	739 851	729 778	1 487 1 527	574 649	1 086 1 209	487 532	303 315
	\$1,000, 1987 1982	15 907 27 6 99	18 257 29 087	20 212 25 762	50 674 63 622	8 341 14 708	22 783 35 215	12 847 22 833	3 850 4 579 2
Wheat	1982	14 24	11 13	27 47	4 5	110 232	20 14	22 30	11
	\$1,000, 1987 1982	43 (D)	(D) 70	(D) 105	(D) 11	148 412	(D) 57	(D) 113	(D) 49
Soybeans	farms, 1987 1982	703 692	525 507	705 717	1 489 1 60 4	643 705	943 1 028	450 461	295 359
	\$1,000, 1987 1982	10 355 10 758	8 560 8 625	12 953 12 531	48 449 47 036	9 274 11 716	16 839 18 982	9 100 10 815	3 299 3 411
Sorghum for grain		4 2	- 1	1 1	1	5	4	-	-
	\$1,000, 1987 1982	(D) (D)	(D)	(D)	(D) (D)	(D)	35	-	_
Barley		1	-	-	1		_		-
	1982 \$1,000, 1987	(NA) (D)	(NA)	(NA)	(NA) (D)	(NA)	(NA)	(NA)	(NA) -
Oats	1982	(NA) 216	(NA) 163	(NA) 76	(NA) 142	(NA) 33	(NA) 265	(NA) 30	(NA) 33 47 (D) 54
	1982 \$1,000, 1987	197 340	153 330	87 116	204 202	41 32	244 425	39 33	47 (D)
	1982	265	229	99	331	(D)	321	54	54
Other grains ²	1982	4 17	6	6	17 2	1 2	6 7	5 11	-
	\$1,000, 1987 1982	11 205	(D) (D)	67 107	124 (D)	(D) (D)	(D) 15	(D) 13	-

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

(For meaning of abbreviations and symbols	s, see introductory text]					T			
Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monone
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									-
Total sales (see text)		1 234 1 391	1 059	1 193	1 131	1 073	641	939	854
	1982 \$1,000, 1987 1982	135 613 144 235	1 154 57 338 56 581	1 265 111 789 116 208	1 231 63 716 71 958	1 201 90 288 99 555	55 111	1 011 96 194	933 75 040
Avarage per tarm		109 897 103 691	54 144 49 030	93 704 91 864	56 336 58 455	84 146 82 893	63 442 85 976 92 751	95 936 102 443 94 892	92 682 87 869 99 338
1987 value of sales: Less than \$1,000	i	11	76	25	65	46	31	22	18
\$1,000 to \$2,499	\$1,000	3 29	24 86	7 39	27 93	16 56	7 31	7 39	7 29
\$2,500 to \$4,999	\$1.000	48 39	147	68 69	158 98	104 56	50 40	63 44	49 43 163
\$5,000 to \$9,999	\$1.000	136 50	407 155	250 109	360 136	214 76	151 58	154 68	163 65
\$10,000 to \$19,999	\$1,000	352 118	1 115	778 164	987 186	571 130	437 61	487 90	500 118
\$20,000 to \$24,999	\$1.000	1 794	2 076	2 373 63	2 662	1 904 51	897 27	1 313	1 733 37
\$25,000 to \$39,999	\$1,000	1 385	984	1 411	903	1 126 127	605 65	718 124	811 101
\$40,000 to \$49,999	\$1.000	5 409	3 342	3 754 55	3 564 43	4 093	2 026 36	3 904	3 216 43
	\$1,000	3 789	2 479	2 433	1 913	2 384	1 578	1 997	1 947
\$50,000 to \$99,999 \$100,000 to \$249,999	\$1.000	284 20 500	9 863	205 14 750	162 11 562	196 13 978	9 133	176 12 662	166 11 817
\$250,000 to \$499,999	\$1,000	279 42 650 74	119 17 467	251 39 743	150 23 241	30 909 30 909	128 19 321	33 660	188 29 286
\$500,000 or more	\$1,000	25 274 37	5 630 6	75 24 131 21	10 843	21 677 15	10 221	20 936	9 526
1982 value of sales1:	\$1,000	34 273	13 805	22 092	7 496	15 13 314	10 10 685	20 292	17 15 985
Less than \$1,000	farms \$1,000	12 (D)	58 16	23	70 25	41 14	33 (D)	28 10	26 (D)
\$1,000 to \$2,499	farms_ \$1,000_	30 49	66 114	58 100	72 127	73 117	34 58	37 62	19 34
\$2,500 to \$4,999		44 153	118 429	59 222	127 461	61 220	27 102	40 142	32 118
\$5,000 to \$9,999	farms \$1,000	55 399	153 1 142	75 534	125 921	85 601	61	58 449	80 586
\$10,000 to \$19,999	farms	95	169	141	153	123	63	101	90
\$20,000 to \$24,999		1 414	2 449 57	2 065	2 173 64	1 771 54	898 26	1 487 34	1 344 42
\$25,000 to \$39,999		1 361 196	1 275 137	1 131 140	1 418 120	1 198 137	573 68	755 123	936 96
\$40,000 to \$49,999	\$1,000 farms \$1,000	6 509 93 4 132	4 442 58 2 596	4 513 68 3 050	3 700 64 2 881	4 469 71	2 144	3 972 58	3 120 53
\$50,000 to \$99,999	farms	373	192	250	206	3 219 238	2 153 142	2 614	2 364 216
\$100,000 to \$249,999	\$1,000 farms	27 224 324	13 779 122	17 976 316	14 812 193	17 157 244	10 243 135	16 883 225	15 579 215
\$250,000 to \$499,999	\$1,000 farms	49 027 80	17 995 18	49 634 67	28 397 30	38 107 56	20 656 31	35 061 58	33 698 47
\$500,000 or more		27 318 27 27	6 203	22 182 17	10 515 7	19 175 18	10 550 15	18 818 18	15 840 15
Sales by commodity or commodity group Crops, including nursery and greenhou	se	26 638	6 142	14 795	6 529	13 506	15 375	15 682	18 927
crops	1982 \$1,000, 1987	1 014 1 169 38 781	765 845 21 353	994 1 029 35 848	869 925 26 309	877 996 49 698	546 570 31 630	762 851 33 922	749 794 43 192
Grains	1982	40 340	21 353 699	35 013 972	24 206 815	55 252 847	32 189 528	36 414 748	51 498 737
Grang	1982	1 151 38 076	799 20 657	1 010 34 725	874 24 098	977 48 111	551 31 368	839 33 326	785
	1982	39 760	20 732	34 038	21 689	53 755	31 884	35 625	42 737 51 050
Corn for grain	1982	870 925	611	803 776	684 642	776 868	471 444	672 704	695 685 24 374
18/10	\$1,000, 1987 1982	17 923 20 130	10 304 11 171	18 453 17 944	12 596 11 565	28 986 34 761	16 286 16 442	18 309 20 860	24 374 31 796 32
Wheat	1982 \$1,000, 1987	13	33	7	15 34	10	27 70	19 15	65
	1982	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	56 276	(D) 53	83 464
Soybeans	farms, 1987 1982	939 1 037	581 676	858 893	687 748	740 807	487 505	663 723	628 649
	\$1,000, 1987 1982	19 741 18 762	10 190 9 323	16 052 15 810	11 330 9 881	18 889 18 618	14 872 15 008	14 535 14 330	17 550 18 189
Sorghum for grain	farms, 1987 1982	1	3	- 1	1	1	1	2	2
	\$1,000, 1987 1982	(D)	(D)	(D)	(D)	(D)	(D) (D)	(D)	(D) (D)
Barley	farms, 1987	1	_	-	-	2	-	4	1
	\$1,000, 1987	(NA) (D)	(NA)	(NA)	(NA)	(NA) (D)	(NA)	(NA) (D)	(NA) (D)
Oats		(NA) 200	(NA) 61	(NA) 155	(NA) 115	(NA) 117	(NA) 19	(NA) 185	(D) (NA) 67 97
	\$1,000, 1987 \$1,000, 1987	286 400	96 143	221 211	130 150	175 159	38 (D)	207 371	97 130 263
Other grains ²	1982 farms_1987	745	133	263 3	166	338	91	327 12	263 42
emai gramo	1982_ \$1,000, 1987_	13	(D)	1 (D)	(D)	53	3 83	2 78	18 567
	1982.	(D) 73	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols									· · · · · · · · · · · · · · · · · · ·
Item		Monroe	Montgomary	Muscatine	O'Brien	Osceola	Paga	Palo Alto	Plymouth
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1987 1982	736 · 761	701 769	901 1 005	1 232 1 337	731 833	1 015 1 057	934 1 015	1 740 1 874
	\$1,000, 1987 1982	27 469 29 142	54 168 64 125	54 308 71 741	156 715 165 422	74 371 88 273	72 822 80 273	91 667 106 680	183 614 190 741
Average per farm	dollars, 1987 1982	37 322 38 294	77 273 83 387	60 275 71 384	127 204 123 727	101 739 105 969	71 746 75 945	98 145 105 104	105 525 101 783
1987 value of sales: Less than \$1,000	\$1.000_	58 17	24	62	12	12	33	17	42 9
\$1,000 to \$2,499	farms	45 75	12 29 47	22 74 119	5 30 51	3 18 29	9 44 76	8 22 36	58 97
\$2,500 to \$4,999	farms \$1,000	91 331	36 137	56 203	25 87	25 90	63 228	19 66	62 231
\$5,000 to \$9,999	farms \$1,000	105 759	53 385	97 700	54 388	16 127	107 790	45 318	107 777
\$10,000 to \$19,999	farms \$1,000	132 1 899	85 1 288	119 1 828	124 1 830	46 659	145 2 100	82 1 226	178
\$20,000 to \$24,999	farms \$1,000	37 823	31 685	37 840	47 1 039	39 855	64 1 419	39 877	2 595 77 1 729
\$25,000 to \$39,999	farms \$1.000	88 2 783	81 2 633	80 2 559	133 4 311	105 3 351	97 2 995	83 2 615	218 6 957
\$40,000 to \$49,999	farms \$1,000	35 1 558	43 1 908	60 2 661	83 3 755	61 2 762	65 2 930	67 2 990	99 4 459
\$50,000 to \$99,999		81 5 595	148 10 876	144	322	190	180	256	352
\$100,000 to \$249,999	\$1,000 farms \$1,000	5 595 51 7 730	10 876 141 21 189	10 421 135 21 102	22 899 297 44 631	13 576 166 24 636	13 200 180	19 113 230	25 838 396
\$250,000 to \$499,999	farms_ \$1,000_	8 2 489	19 6 033	34 10 804	80 26 657	35 11 530	26 204 29 10 345	35 305 62 21 270	60 530 109 38 449
\$500,000 or more	farms \$1,000	3 411	8 976	3 049	25 51 063	18 16 754	12 527	12 7 844	42 41 943
1982 value of sales1: Less then \$1,000		41	21	45	12	11	17	13	44
\$1,000 to \$2,499	\$1.000	8 49	5 35	16 68	(D) 26	17	4 42	(D) 18	15 58
\$2,500 to \$4,999	\$1,000 farms	83 82	56 39	116 58	43 28	25 24	73 63	32 16	103 37
\$5,000 to \$9,999	\$1,000 farms	308 113	134 52	205 91	106 48	89 29	227 95	58 36	140 111
\$10,000 to \$19,999	\$1,000 farms	806 139	364 90	678 109	362 115	236 51	725 141	259 63	828 156
\$20,000 to \$24,999	\$1,000	2 020	1 306	1 639 52	1 716 49	784 29	2 078	972 37	2 288 76
\$25,000 to \$39,999	\$1,000 farms	1 007 87	783 78	1 163 86	1 069 178	659 110	1 213 121	814 109	1 701 191
\$40,000 to \$49,999	\$1,000 farms	2 766 32	2 520 41	2 795 48	5 785 98	3 551 68	3 847 70	3 445 78	6 153 112
\$50,000 to \$99,999	\$1,000 farms	1 436 99	1 848 182	2 173 203	4 415) 343	3 023	3 132	3 462 281	5 009 498
\$100,000 to \$249,999	\$1,000	6 949 59	13 045 151	14 650 202	24 563 324	17 195 186	17 233 171	20 551 277	35 874 448
\$250,000 to \$499,999		8 963 13	22 540 37	30 852 34	49 396 80	27 501 43	25 193 33	42 512 73	68 490 108
\$500,000 or more		(D) 1	12 427 8	11 515 9	26 879 34	14 532 21	10 476 11	24 670 13	35 9 8 6 35
Sales by commodity or commodity group Crops, including nursery and greenhou	sa	(D)	9 097	5 938	51 069	20 674	16 071	9 723	34 156
crops	1982_ \$1,000, 1987_	473 506 7 045	588 631 28 679	701 813 24 833	1 083 1 152 52 958	647 737 35 059	859 880 36 881	847 938 52 681	1 453 1 543 54 527
Grains	1982	7 088 419	(D) 575	34 395 671	52 525 1 071	38 512 638	37 901 828	60 024 845	55 585 1 426
	1982 \$1,000, 1987	467 6 545	617 26 274	785 22 851	1 145 52 628	733 34 543	867 29 428	929 52 383	1 520 53 527
Corn for grain	1982	6 584	26 206	32 917	51 837	37 796	27 977	59 780	54 713
Com for grain	1982_ \$1,000, 1987_	318 315 3 081	517 490 13 420	579 707 12 600	978 973 25 524	585 627 16 171	718 640 13 097	797 838 25 750	1 222 1 197 26 269
Wheat	1982	3 652	12 999	21 782	27 332	19 884	13 063	34 105	29 055 14
***************************************	1982 \$1,000, 1987	13	69 (D)	25 56	4	8 (D)	152 123	(D)	14
	1982	17	199	107	(D)	25	386	(D)	85
Soybeans	1982	331 378	532 562	554 580	999 1 092	624 708	784 820	802 874	1 286 1 299
	\$1,000, 1987 1982	3 363 2 847	12 744 12 906	10 020 10 886	26 852 24 121	18 184 17 484	16 006 14 289	26 386 25 385	26 213 24 24 5
Sorghum for grain	1982	5	-	1	-	-	1 3	1	1
	\$1,000, 1987 1982	26	-	(D) (D)	-	-	(D) (D)	(D) (D)	(D)
Barley	1982	1 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 1987 1982	(D) (NA)	(NA)	(D) (NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats	farms, 1987 1982	25 36	38 62	94	161 194	97 170	41 80	88 126	304 420
	\$1,000, 1987 1982	37 41	45 (D)	163 132	240 351	(D) 376	54 101	160 259	745 1 247
Other grains ²		2	2	9	3	6	5	5	26
	1982 \$1,000, 1987	(D)	(D)	8 9	4 8	47	(D) (D)	(D)	16 265

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

MARKET VALUE OF ADRICULT TRIAL PRODUCTS CLU TOTAL ABORDON Average for larm 6.002. 112 cells 1.000 Average for larm 7.000 Average for larm 8.000 8.000 Average for larm 9.000 9.000 Average for larm 9.000 Average for larm 9.000 Average	[1 of Theating of ebbreviations and symbols, so	T	<u> </u>			1				
TURAL PRODUCTS SOLD Total sales (see law) \$1,000, 182, 192, 193, 193, 193, 193, 193, 193, 193, 193	Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
According for farm	MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
\$1,000 1825. 94 192 95 482 110 197 34 100 120 120 120 110 110 110 110 110 110	Totel sales (see text)									
Average per farm		\$1,000, 1987	94 124	55 492	148 757	81 132	38 620	129 941	81 530	108 594
1807 - 1808 - 1800 - 1800 - 1808 - 1800 - 1800 - 1808 - 1800 - 18	Average per farm		95 364	55 436	90 047	77 490	55 093	125 547	83 792	92 263
\$1,000 to \$2,499 \$1,000 \$2,499 \$1,000 \$2,499 \$1,000 \$2,499 \$1,000 \$19,000 \$19,000 \$19,000 \$19,000 \$19,000 \$19,000 \$19,000 \$19,000 \$19,000 \$19,000 \$19,000 \$10,000 \$19,000 \$10,	1987 value of sales:							129 298	89 934	87 468
\$2,000 to \$4,099 \$1,000. 40 \$100 \$1,0		\$1.000	3	25	26	9	7	6	17	5
\$5,000 to \$8,000 \$9.000 \$10,000 to \$10,000 t		¢+ 000	41	194	156	84	53	49	93	72
\$1,000 to \$10,999			48	389	335	166	204	83	207	140
\$2,000 to \$24,000 \$\frac{1}{2}\$ \begin{array}{c c c c c c c c c c c c c c c c c c c		\$1,000								51 384
\$20,000 to \$24,999		\$1.000						123 1 799		
\$25,000 to \$35,099		\$1,000	42		74		33	56	52	61
\$50,000 to \$49,999 \$1,000		\$1.000					106	115	104	142
Second Decomposition Second Decomposition	\$40,000 to \$49,999								50	
\$10,000 to \$249,999		\$1,000							167	
\$250,000 to \$499,999		farms	224	125	319	231	85	235	177	249
Second common		farms	44	41	95	48	21	83	48	55
1982 Value of salesh** tests than \$1,000 1 (10) 22 14 (10) 5 14 3 3 3 3 3 4 5 5 3 3 4 5 5 3 3 3 5 5 3 3 5 5	\$500,000 or more	farms	19	9	32	9	3	39	21	17
\$1,000 to \$2,499	1982 value of sales1: Less than \$1,000									
\$2,500 to \$4,999		\$1 000 l	1	(D)	22	14	(D) 31	5	14	3
\$5,000 to \$9,999 \$\frac{1}{\text{sim}}\$ \$5,000 to \$19,999 \$\frac{1}{\text{sim}}\$ \$10,000 to \$219,999 \$\frac{1}{\text{sim}}\$ \$10,000 to \$42,999 \$\frac{1}{\text{sim}}\$ \$10,000 to \$23,999 \$\frac{1}{\text{sim}}\$ \$25,000 to \$24,999 \$		\$1,000	35	167	151	63	52	55	89	53
\$10,000 to \$19,999		\$1,000 L	43	374	331	216	164	63	198	160
\$20,000 to \$24,999		\$1,000			l I			285	556	504
\$25,000 to \$39,999		\$1.000 1	1 124	2 142	2 698	2 050	1 719	1 563	1 576	1 618
\$1,000.0 to \$49,999		\$1.000	887	1 264	1 794	1 371	1 071	1 339	1 123	1 367
\$50,000 to \$99,999		\$1.000	4 278	3 167	5 681	3 868	3 567	4 373	3 274	5 458
\$100,000 to \$249,999		\$1,000	3 926	2 535	4 776	3 501	2 932	3 002	1 939	4 838
\$250,000 to \$499,999		£4.000	25 509	11 460	25 681	18 388	9 877	20 555	16 733	25 720
\$500,000 or more			39 149	21 683	56 052	39 425	15 192	41 116	38 449	42 147
Sales by commodity or commodity group: Crops. including nursery and greenhouse crops	\$250,000 to \$499,999	farms \$1,000	23 025		36 240		4 293	26 117	23 019	17 638
Crops. including nursery and greenhouse (1987). 1982 1	\$500,000 or more	farms \$1,000		8 5 952		5 290				
1982	Crops, including nursery and greenhouse	/ 4007	224	770	4 050	0.40		204	200	200
Greins 1982. 67 498 42 510 76 892 (D) 14 104 51 264 44 905 45 41 68 1982. 1 022 812 1 413 924 571 978 841 1 095 81,000, 1987. 51 986 36 589 69 962 35 578 12 703 45 376 30 120 43 676 984 1 1095 74 455 41 329 13 360 50 396 43 119 44 828 796 1982. 67 141 40 505 77 4 455 41 329 13 360 50 396 43 119 44 828 796 1982. 952 687 1 204 800 365 815 769 963 1982. 952 687 1 204 800 365 815 769 963 1982. 1 1878. 1987. 2 63 84 19 598 38 743 19 414 5 691 21 321 21 073 25 558 1982. 1 1878. 1987. 2 2 2 2 1 115 5 47 144 7 7 17 17 1982. 1 18	crops	1982	1 028	885	1 476	947	602	992	884	1 106
1982_ 1 022	Graine	1982	67 498	42 510	76 892	(D)	14 104	51 264	44 905	45 416
1982 67 141 40 505 74 455 41 329 13 360 50 396 43 119 44 828	Grans	1982	1 022	812	1 413	924	571	978	841	1 095
1982 952 687 1 204 800 365 815 769 963 953 987 1982 26 384 19 598 38 743 19 414 5 691 21 321 21 073 25 558 98		1982	67 141	40 505	74 455	41 329	13 360	50 396	43 119	44 828
Wheat	Corn for grain	1982	952	687	1 204	800	365	815	769	963
1982		1982	26 384 37 205	24 267	42 992	25 117	5 745	26 594	34 380	25 558 27 329
Soybeans	Wheat	1982	2	21	115	5	47	14	7 [17
1982		\$1,000, 1987 1982	(D)						7	(D) 92
\$1,000, 1987 25 497 16 886 30 746 15 671 6 915 23 367 8 858 17 613	Soybeans				1 125			867 904		
Sorghum for grain		\$1,000, 1987	25 497	16 886	30 746	15 671	6 915	23 367	8 858	17 613
\$1,000, 1987	Sorghum for grain	farms, 1987	25 626	-	1	-	1	-1	-	-
Barley		\$1,000, 1987	-	-		-	(D)	-	-	-
\$1,000, 1987	Barley	farms, 1987	-	_	-	-	-	3		
\$1,000, 1987_ (D) 73 315 417 61 (D) 169 382		1982 \$1,000, 1987		-	-	-	-	(D)	-	(D)
\$1,000, 1987_ (D) 73 315 417 61 (D) 169 382	Oats	farms, 1987	74	50	140	220	25	125	123	(NA) 208
Other grains ² tarms, 1987 2 2 7 6 3 42 1 15 15 1982 1 1 1 1 3 1 44 - 21		\$1,000, 1987	(D)	73	315	417	61	226 (D)	169	382
1982 1 1 1 3 1 44 - 21	Other grains?				1					
1982_ (D) (D) 3 (D) 630 - 105	Other grams-	1982	1	1	1 1	3	1	44	-	21
			(D)	(D)	(D)	3	(Ď) l		-	105

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols	s, see introductory text)								
Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total salas (see taxt)	ferms, 1987 1982	2 015 2 100	1 138	1 404	774	693	783	899	1 310
	\$1,000, 1987 1982	348 597 323 993	1 248 101 788 109 993	1 508 105 643	890 40 437	772 39 630	883 32 952	959 35 435	1 394 54 969
Average per farm	dollars, 1987	173 001	89 445	114 344 75 244	43 595 52 244	39 080 57 186	39 525 42 084	41 589 39 416	60 626 41 961
1987 valua of sales: Less than \$1,000	1982	154 282	88 136	75 825	48 984	50 622	44 763	43 367	43 491
\$1,000 to \$2,499	\$1,000	7 40	45 15 61	42 19	33 11	49 15	61 20	103 41	127 35
\$2,500 to \$4,999	\$1,000	69 74	98 57	66 113 79	37 65 50	47 83	55 91	93 156	136 235
\$5,000 to \$9,999	\$1,000	273 102	204	295 102	191	50 181 87	56 200 121	96 340	143 524
	\$1,000	754	668	747	660	609	895	115 804	212 1 54 4
\$10,000 to \$19,999	\$1,000	210 3 105	164 2 370	189 2 690	134 1 937	96 1 355	151 2 127	156 2 255	18; 2 654
\$20,000 to \$24,999	\$1,000	85 1 913	56 1 259	48 1 072	1 200	36 808	36 808	37 824	50 1 25
\$25,000 to \$39,999	\$1,000	7 101	113 3 599	4 666	2 900	79 2 482	75 2 341	73 2 306	12: 3 79:
\$40,000 to \$49,999	farms \$1,000	98 4 396	2 420	83 3 663	32 1 403	25 1 140	36 1 608	36 1 610	2 333
\$50,000 to \$99,999	farms \$1,000	379 27 717	212 15 328	307 21 846	143 10 141	129 9 070	105 7 530	86 6 344	133 9 74
\$100,000 to \$249,999	farms \$1,000	477 75 075	200 31 474	272 40 480	95	80 12 416	7 330 73 10 865	84 12 744	10: 15 86:
\$250,000 to \$499,999	farms \$1,000	174 60 945	65	57 19 222	15 (D)	13 (D)	10 863 10 3 728	17 5 746	9 44
\$500,000 or more		136 167 242	21 22 643	15 10 830	(D) (D)	(D) (D)	2 740	2 266	10 7 548
1982 value of seles1: Less than \$1,000		27	36	42	22	35	47	73	100
\$1,000 to \$2,499	\$1,000	7 33	10 78	13	(D) 38	11 49	(D) 58	29 87	36
\$2,500 to \$4,999	\$1,000	54 46	133 52	100	65 59	87 53	99 76	149 106	236 162
\$5,000 to \$9,999	\$1,000	170 90	191 97	272 101	226 110	207 97	284 121	396 138	581 209
	\$1,000	649	709	742	779	743	862	982	1 493
\$10,000 to \$19,999	\$1,000	164 2 508	107 1 589	181 2 674	145 2 160	112 1 638	133 1 924	151 2 186	207 2 89 9
\$20,000 to \$24,999	\$1,000	90 1 989	66 1 474	72 1 608	49 1 085	64 1 456	44 992	48 1 095	54 1 204
\$25,000 to \$39,999	\$1,000	219 7 015	136 4 399	155 4 965	121 3 929	89 2 817	105 3 363	73 2 334	129 4 004
\$40,000 to \$49,999	farms \$1,000	125 5 617	67 3 002	107 4 830	59 2 622	32 1 441	53 2 331	38 1 698	60 2 675
\$50,000 to \$99,999	farms \$1,000	466 33 572	256 18 792	316 22 769	174 12 039	128 9 006	144 10 263	121 8 898	162 11 558
\$100,000 to \$249,999		531 81 778	266 40 001	332 50 054	99	97 14 885	86 12 857	94 13 705	134 20 326
\$250,000 to \$499,999		185 65 540	60 19 889	56 18 165	10 3 541	10 3 331	11 3 907	29 (D)	30 10 152
\$500,000 or more		124 125 094	19 468	8 152	2 893	3 457	2 561	(D) (D)	5 462
Sales by commodity or commodity group Crops, including nursery and greenhou	:	125 054	13 400	0 132	2 033	3 437	2 301	(0)	3 402
crops, including hursery and greenhou	farms, 1987	1 531	957	1 161	628	521	588	612	894
	1982 \$1,000, 1987 1982	1 578 55 150	1 062 55 294 66 947	1 245 54 800	726 18 395	13 081	679 13 637	721 17 003	983 23 179
Grains		52 214 1 505	926	57 353 1 137	17 603 605	(D) 488	17 377 554	(D) 529	23 544 800
	\$1,000, 1987 1982	1 544 52 804 50 609	1 024 53 615 65 636	1 221 54 073	709 17 974	559 12 688	645 13 079	654 16 387	900 22 284 22 439
Corn for grain	tarms, 1987	1 251	840	56 494 1 046	17 141 491	12 488 409	17 060 426	20 184 432	670
	1982 \$1,000, 1987	1 176 27 713	902 27 893	1 066 31 675	475 8 598	383 6 556	505 6 283	515 8 117	659 12 025
Wheat	1982 farms, 1987	27 891 7	37 812 6	36 039 6	7 943 24	7 040	9 32 8 33	11 866 4	12 767 9
	1982 \$1,000, 1987	10 21	7 (D)	10	99 57	39 (D)	125 48	27 (D)	40 (D)
Saubaana	1982	(D) 1 339	(D)	(D)	270	175	247	116	96
Soybeans	1982 \$1,000, 1987	1 295	848 924 25 619	986 1 070	559 658	424 471	504 537	469 530	638 726
Sorghum for grain	1982	24 541 21 564	26 245	22 167 19 898	9 243 8 825	6 013 5 109	6 713 7 453	8 221 8 156	10 036 9 491
Solghum for grain	1982 \$1,000, 1987	=	-	2	3	1	1	1	1
	1982	-	-	(D)	(D) (D)	(D)	(D)	(D) -	(D)
Barley	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 1987 1982	(NA)	(NA)	(D) (NA)	(NA)	(D) (NA)	(NA)	(NA)	(D) (NA)
Oats	1987farms, 1987	248 387	43 78	181 296	39 64	52 120	29 40	44	69 91
	\$1,000, 1987 1982	506 1 017	72 134	214 457	66 80	62 (D)	(D) (D)	33 (D)	66 (D)
Other grains ²	farms, 1987	6	4	1	3	4	2	1	
	1982 \$1,000, 1987	16 23	5 (D)	5 (D)	(D) (D)	1 35	(D)	(D)	5 2 49
	1982	(D) l	(D) l	56	(D)	(D)	-1	(D)	(D)

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

Itam		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD					· · · · · · · · · · · · · · · · · · ·	- Trimesman	Woodbary	World	Wilght
Total sales (see text)		1 158	743	1 235	742	1 633	1 360	667	882
	1982 \$1,000, 1987 1982	1 238 113 286 134 252	824 34 630 39 027	1 357 112 144 124 776	847 57 541 67 561	1 724 120 561 117 583	1 579 127 445 146 119	798 56 004	1 009 85 033
Average per farm	dollars, 1987 1982	97 829 108 443	46 608 47 363	90 805 91 950	77 548 79 765	73 828 68 204	93 709 92 539	68 431 83 964 85 754	108 508 96 409 107 540
1987 value of sales: Less than \$1,000	farms	20	45	33	15	51	59	16	8
\$1,000 to \$2,499	\$1,000 farms	6 45	15 47	10 49	6 24	16 64	18 78	6 29	2 23
\$2,500 to \$4,999	\$1,000 farms	79 63	79 65	87 41	40 28	110 85	126 75	51 36	2 23 36 18 68
\$5,000 to \$9,999	\$1,000 farms \$1,000	244 99 711	242 74 554	150 78	103 40 304	300 125	279 127	131 46	37
\$10,000 to \$19,999	farms	123	110	558 132	85	926 214	903	336 59	28 2 89
\$20,000 to \$24,999	\$1,000 farms	1 799 58	1 582 49	1 990	1 273	3 138 77	2 081 63	840 28	1 347 40
\$25,000 to \$39,999		1 288 109 3 405	1 091	1 092 166	562 87	1 709 167	1 427 159	636 68	898 91
\$40,000 to \$49,999	\$1,000 farms \$1,000	3 405 58 2 580	3 530 42 1 850	5 318 93	2 703 50	5 402 100	5 141 85	2 106	2 949 56
\$50,000 to \$99,999	farms	229	110	4 135 261	2 242 190	4 510 330	3 781 226	1 553 159	2 499 234
\$100,000 to \$249,999	\$1,000 farms	16 494 255	7 698 73	18 824 271	13 101 165	24 136 358	16 013 257	11 260 156	17 002 222
\$250,000 to \$499,999	\$1,000 farms	40 442 71	10 656 13	40 887 48	25 618 30	53 412 50	39 707 64	23 684 31	33 280 50
\$500,000 or mora	\$1,000 farms	24 233 28	4 621	15 815	9 526	16 170 12	20 963 25	10 137	16 542 14
1982 value of sales1: Less than \$1,000	\$1,000	22 005	2 712	23 280	2 063	10 732	37 006	5 263	10 126
\$1,000 to \$2,499	\$1.000	9 63	(D) 32	11 56	9 22	30 8 57	59 (D) 74	19 8 37	8 2
\$2,500 to \$4,999	\$1.000	100 48	(D) 54	98 41	37 30	93	121	62 31	23 40 20 77
\$5,000 to \$9,999	\$1.000	169 84	193 94	146 82	112 45	317 105	335 125	111	77 31
\$10,000 to \$19,999	\$1,000	602 108	671	611	320	750	898	354	228
\$20,000 to \$24,999	\$1.000	1 594	135 1 976 45	112 1 674	81 1 173	200 2 985	187 2 748	74 1 096	67 992
\$25,000 to \$39,999	\$1,000	1 052 113	1 002	59 1 329 159	47 1 040 92	84 1 887 211	65 1 442 167	45 989 93	32 724
\$40,000 to \$49,999	\$1.000	3 665 66	3 970 55	5 243 102	2 954 68	6 794 135	5 403 103	3 091 43	103 3 300 66
\$50,000 to \$99,999	\$1,000	2 985	2 503	4 511	3 033	6 026	4 584	1 920	2 949
\$100,000 to \$249,999	\$1,000	251 18 278	159 11 009	329 23 720	215 15 383	435 31 866	21 752	194 14 207	298 21 836
\$250,000 to \$499,999	\$1.000	315 49 434 85	78 11 454 15	297 44 047 74	185 27 976 40	345 50 955 32	286 44 850 81	176 27 165 34	270 39 824
\$500,000 or more	\$1.000	29 180 35	(D)	25 141	13 217	10 195	27 428	11 420	68 22 243 23
Sales by commodity or commodity group	\$1,000	27 183	(D)	18 244	2 306	5 706	36 510	8 008	16 293
Crops, including nursary and greenhous crops	farms, 1987	922	525	1 115	657	1 080	1 053	567	823
	\$1,000, 1987	985 33 116	604 14 430	1 205 71 872	740 36 616	1 109 21 110	1 199 47 787	678 32 006	937 58 762
Grains	1982 farms, 1987 1982	44 444 895 958	15 090 497 568	82 686 1 095 1 180	43 867 635 727	20 563 1 009 1 023	56 865 1 002	38 910 555 673	73 453 820 930
	\$1,000, 1987 1982	31 987 43 748	13 887 14 330	71 327 82 208	36 181 43 607	18 816 18 677	1 149 46 562 55 837	31 649 38 694	58 613 72 990
Corn for grain	farms, 1987	745	415	1 027	595	890	900	520	773
	1982 \$1,000, 1987	796 18 194	416 7 092	1 082 35 125	640 20 818	904 14 623	966 29 202	609 17 554	871 30 351
Wheat	1982 farms, 1987 1982	27 720 46 52	7 748	46 291 3	27 735 2	15 573	35 961 14	23 954	41 578 2
	\$1,000, 1987 1982	74 141	41 27 98	(D) (D)	(D) (D)	8 (D) 23	14 (D) (D)	3 (D)	2 (D) (D)
Soybeans	farms, 1987	768	425	1 039	580	408	762	515	776
	1982 \$1,000, 1987	756 13 558	502 6 747	1 111 36 091	656 15 206	378 3 590	810 16 385	591 13 955	872 28 136
Sorghum for grain		15 679 2	6 439	35 656	15 703	2 719	18 240	14 559	31 237
	\$1,000, 1987	10 (D)	-	2	(D)	1	2	-	_
Barley	1982 farms, 1987	(D)	1	(D)	-	(D) 17	(D)	-	_
,	1982 \$1,000, 1987	(NA)	(NA) (D)	(NA)	(NA)	(NA) 26	(NA) (D)	(NA)	(NA)
Oats	1982 farms, 1987	(NA) 121	(D) (NA) 24	(NA) 56	(AA) E8	(NA) 338	(NA) 162	(NA) 82	(NA) 61
	1982 \$1,000, 1987	137 155	45 (D) (D)	101 94	111 153	272 561	270 404	124 112	90 (D) (D)
Other grains?	1982	158	(D)	203	154	347	1 006	168	(D)
Other grains ²	1982 \$1,000, 1987	5 3 (D)	2	4 3 (D)	2	2	40 31	3 2	-
	1982	(D) (D)	(D)	(D) (D)	(D)	(D) (D)	522 514	28 (D)	-

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see	introductory text]							
item		lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Bentor
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con. Salas by commodity or commodity group-								
Con. Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed	_ farms, 1987 1982	-	-	-	-	-	-	
Tahasas	\$1,000, 1987 1982	-	-	-	-	-	-	
Tobacco	1982 \$1,000, 1987	-	-	-	-	-	-	
	1982	-	-	-	-	-	-	
Hay, silage, and field seeds	1982	12 947 14 589	110 176	91 110	193 208	174 144	114 151	180 178
Vegetables, sweet corn, and melons	\$1,000, 1987 1982 farms 1987	46 480 57 638 596	530 (D)	306 425 1	876 (D) 5	461 (D)	353 724 3	566 518 14
	1982 \$1,000, 1987	415 7 541	(D)	(D)	28	(D)	(D)	35
Fruits and house	1982	4 267			-	-	\ \frac{1}{2}	
Fruits, nuts, and bernes	1982 \$1,000, 1987	371 280 2 853	1 1 (D)	1 (D)	3 1 (D)	6 - (D)	1	4
Nursery and greenhouse crops	1982 _ farms, 1987	2 267 357	(D)	2	(D) (D) 4	1	(D) 1	(D)
	\$1,000, 1987 1982	333 38 241 34 954	1 (D) (D)	(D)	(D)	(D)	(D)	(C) (D)
Other crops		99	1	1	(D)	(D)	(D)	(D) 3
,	1982 \$1,000, 1987	74 1 678	(D)	(D)	-	1 -	2	(D (D
Livertook poultry and thou graduate	1982	1 408	-	-	-	(D)	(D)	
Livestock, poultry, and their products	1982 \$1,000, 1987	72 438 85 613 5 266 682	801 924 40 064	534 627 23 486	970 1 047 67 199	696 734 16 286	625 751 50 814	1 040 1 216 81 252
Poultry and poultry products	1982 farms, 1987	5 685 846 3 643	44 283 36	31 255 17	66 348 19	(D) 18	63 082 45	71 196 42
	\$1,000, 1987 1982	5 208 192 229 164 052	54 26	29 22	49 (D)	26 5	50 (D)	85 2 458
Dairy products		7 048	(D) 28	(D) 9	(D) 436	(D) 24	653	(D)
,	1982 \$1,000, 1987	8 850 392 284	45 1 051	15 230	491 29 620	26 680	28 492	56 77 3 210
Cattle and calves		426 730 50 509	1 377 679	491 471	28 957 878	923 664	946 421	3 651 692
	\$1,000, 1987 1982	62 765 2 124 641 2 500 175	822 22 192 23 897	562 13 645 17 915	983 19 271 17 904	685 12 051 9 742	571 25 608 34 965	859 40 876 31 399
Hogs and pigs	_ farms, 1987	38 638	395	229	426	143	361	573
	\$1,000, 1987	49 012 2 494 231	543 16 454	9 332	484 17 951	209 3 207	476 23 803	748 33 721
Sheep, lambs, and wool	1982 farms, 1987 1982	2 550 488 8 922 10 484	18 558 98 125	12 676 40 47	19 144 87 76	3 614 92 107	26 109 68 84	34 351 181 184
	\$1,000, 1987 1982	46 157 26 703	257 370	239 103	130 78	312 257	284 330	925 233
Other livestock and livestock products	(2						
(see text)	1982 1982 \$1,000, 1987	3 417 3 705 17 139	27 35 85	18 30 18	31 32 (D)	24 21 31	28 19 (D)	33 39 62 (D)
	1982	17 698	(D)	(D)	(D)	123	78	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		50 200	416	272	113	236	390	300
Cash grains (011) Fiald crops, except cash grains (013) Cotton (0131)		1 451	6	10	23	46	2	763 16
Tobacco (0132) Sugarcane and sugar beets; Irish potatoes:		-	-	-	-	-	-	-
field crops, except cash grains, n.e.c. (0133, 0134, 0139)		1 451	6	10	23	46	2	16
Vegetables and melons (016) Fruits and tree nuts (017)		213 195	-	1 -	- 1	1	-	4
Horticultural specialties (018) General farms, primarily crop (019)		278 1 039	10	1 9	3 11	20	1 9	2 9
Livestock, except dairy, poultry, and animal specialties (021)		43 979 10 095	507 120	373 140	517 187	553 409	416 61	575 86
		4 209	9	4	357	18	6	30
Dairy farms (024) Poultry and eggs (025) Animal specialties (027) General farms, primarily livestock and animal		570 1 601	11	9	6	10	13	5 11
specialties (029)		1 445	11	9	29	6	10	18

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]					Ī		
Item	Black Hawk	Boone	Bremer	Buchenan	Buena Viate	Butler	Celhoun
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.							
Total sales (see text)-Con. Sales by commodity or commodity group-							
Con. Crops, including nursery end greenhouse				ļ			
crops-Con. Cotton and cottonseed ferms, 1987 1982	-	-	-	-	-	-	-
\$1,000, 1987 1987	-	-	-	-		-	=
Tobecco farms, 1987 1982	-	-	-	-	-	-	
\$1,000, 1987 1982		-	-	-	-	-	-
Hay, silage, and field seeds farms, 1987	146	107	155	131	72	155	70
1982 \$1,000, 1987 1982	150 431 525	139 340 367	186 476 562	156 349 388	78 219 303	198 551 597	90 231 (D)
Vegetables, sweet corn, and melons farms, 1987 1982	20 19	4 7	8 7	14 12	5 2	9 8	1
\$1,000, 1987 1982	65 55	(D) (D)	44 (D)	207 61	13 (D)	301 74	(D)
Fruits, nuts, and berries farms, 1987	8	-	2	7	2	3	2 2
1982 \$1,000, 1987 1982	(D) (D)	1 (0)	(D)	(D)	(D)	(D)	(D)
Nursery and greenhouse crops farms, 1987 1982	11 10	(D) 6	1 3	(D) 3	(D) 3 2	(D) 1 3	(D)
\$1,000, 1987 1982	2 069 1 536	(D) 1 021	(D) (D)	(D)	(D) (D)	(D) (D)	-
Other crops farms, 1987	2	2	2	_	1	-	_
1982_ \$1,000, 1987	(2)	(D)	(D)	2	(D)	2	-
1982	(D) 738	544	770	(D) 937	(D) 654	- 0.40	-
Livestock, poultry, and their products farms, 1987 1982_ \$1,000, 1987_	853 49 932	719 37 199	938 43 927	1 025 62 665	775 81 824	940 1 159 62 010	517 703 40 454
1982_ Poultry and poultry products farms, 1987_	48 152 52	43 782	45 839 46	61 687 81	79 704 54	61 608 67	53 058
1982 \$1,000, 1987	59 4 861	44 2 996	84 1 355	88 753	60 14 841	93 1 796	25 33 1 848
1982	3 884	3 909	2 020	(D)	(D)	2 263	1 804
Dairy products farms, 1987 1982	81 116	13 21	242 297	248 262	13 11	110 166	3 10
\$1,000, 1987 1982 Cattle and calvesfarms, 1987	4 284 5 474 413	517 773 318	12 875 14 420 543	7 327 7 497 646	573 865 242	4 529 6 298 562	137 359 247
1982 \$1,000, 1987	552 9 813	445 14 859	687 10 664	718 16 911	380 23 787	750 16 683	403 16 338
1982	12 837	18 409	10 464	16 930	27 429	16 587	28 124
Hogs and pigs farms, 1987 1982	416 473	270 362	366 472	574 652	468 566	562 720	295 449
\$1,000, 1987 1982 Sheep lambs and week	30 363 25 585 102	18 559 20 459 95	18 688 18 698 91	37 214 35 592	42 058 41 111	38 444 35 972	21 710 22 318
Sheep, lambs, and woo! farms, 1987 1982 \$1,000, 1987	122 401	116 214	117	102 147	86 76 406	144 168 401	93 118 373
1982	216	150	131	92	439	333	382
Other livestock and livestock products (see text) farms, 1987	49	32	40	82	24	48	21
1982 \$1,000, 1987	46 210	54 54	43 118	77 314	23 158	58 157	28 49 71
1982	155	82	106	(D)	(D)	155	71
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	715	674	502	624	643	613	728
Field crops, except cash grains (013) Cotton (0131) Tobacco (0132)	17	21	17	7 -	3 -	13	5
Sugarcane and sugar beets; Insh potatoes; field crops, except cash grains, n.e.c.	-	-	-	-	-	-	-
(0133, 0134, 0139)	17	21	17	7	3	13	5
Vegetables and melons (016)	9 4	1 -	2	5	3 -	6	-
Horticultural specialties (018)	11 12	5 7	14	2 15	1 6	1 12	2
Livestock, except dairy, poultry, and animal specialities (021)	386	284	366	504	395	531	238
Beef cattle, except feedlots (0212) Dairy farms (024)	35	7	51 165	56 109	15	53 43	32 2
Poultry and eggs (025) Animal specialties (027)	14 39	8	6 25	6	22 15	16 20	6
General farms, primarily livestock and animal specialties (029)	27	4	41	46	6	39	2
							

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text	(t)		Т"				
item	Carroll	Cass	Ceder	Cerra Garda	Cherakee	Chickasaw	Clarke
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.							
Total sales (see text)-Con. Sales by commodity or commodity group-							
Con. Crops, including nursery and greenhouse crops-Con.							
Cotton and cottonseed farms, 1987 1982	-	-	-	-		-	<u>-</u>
\$1,000, 1987 1982	-	-	-	-	-	-	-
Tobecco	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	=
Hay, silage, and field seeds ferms, 1987 1982	140 177	117 135	132 147	83 93	106 119	154 142	132 122
\$1,000, 1987 1982 Vegetables, swaet corn, and meions farms, 1987	380 1 516 3	474 442 1	432 494 5	307 434 11	368 532 3	548 575 3	459 (D)
1982 \$1,000, 1987	2 11	(D)	1 28	9 (D)	1 (D)	3 11	(D)
1982	(D)	-	(D)	(D)	(D)	(D)	
Fruits, nuts, end berrias farms, 1987 1982 \$1,000, 1987	1 1 (D)	1 2 (D)	6 2 54	6 2 (D)		2 6	1 - (D)
1982 Nursery and greenhouse crops farms, 1987	(D)	(D) 2	(D) 2	(D)	- 1	(D)	4
1982 \$1,000, 1987 1982	(D) (D)	3 (D) (D)	(D) (D)	(D)	(D)	7	(D) (D)
Other crops farms, 1987	1	(0)	3	2	1	_	(0)
1982_ \$1,000, 1987_ 1982_	(D)	-	(D)	(D)		-	=
Livestock, poultry, and their products farms, 1987 1982	973 1 134	687 863	854 988	502 668	761 940	747 889	575 650
\$1,000, 1987 1982	121 346 139 383	46 869 52 836	62 573 65 847	32 911 39 078	78 084 (D)	52 634 51 176	18 258 18 682
Poultry and poultry products farms, 1987 1982	44 68	24 37	31 55	28	31 48	50 79	20 21
\$1,000, 1987 1982	95 (D)	(D) (D)	122 (D)	1 730 1 505	(D) (D)	546 983	15 (D)
Dairy products farms, 1987 1982	20 34	20 41	35 63	24	45 47	163 189	6 12
\$1,000, 1987 1982 Cattle and calves farms, 1987	646 (D) 597	896 1 379	1 663 2 846	934 792	1 724 1 840	7 775 7 454	268 409
1982 \$1,000, 1987	793 67 065	534 694 28 169	520 615 20 473	226 318 5 684	499 690 39 977	535 643 19 660	513 571 9 629
1982_	91 858	30 968	21 454	8 285	56 014	17 822	10 379
Hogs and pigs farms, 1987 1982 \$1,000, 1987_	714 807 52 683	353 475 17 465	518 644 39 699	303 411 24 288	463 588 34 361	404 495 23 6 35	209 277 8 133
1982_ Sheep, lambs, and wool farms, 1987	45 250 74	19 769 90	40 855 195	28 266 70	35 501 85	24 042 58	8 132 7 688 72
1982 \$1,000, 1987 1982	94 (D) 184	111 227 215	199 544 331	102 120 130	114 614 435	57 (D) 65	81 157 92
Other livestock and livestock products	104	213	331	130	435	00	92
(see text)	16 24	19 41	31 29	36 51	38 27	27 31	37 32
\$1,000, 1987 1982_	(D) (D)	(D) (D)	73 (D)	155 100	(D) (D)	(D) 810	32 57 (D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	585	495 8	534 10	604 14	557 4	477 8	187 26
Cottan (0131) Tabacco (0132)		- 1	-			-	- -
Sugarcane and sugar beets; Irish potatoes; field crops, axcept cash grains, n.e.c. (0133, 0134, 0139)	8	8	10	14	4	8	26
Vegetables and melons (016)	1	-	_	_	1	1	1
Fruits and tree nuts (017)	1 2 2	- 2 6	4 1 5	2 2 6	1 1	1 1 8	- 2 7
Livestock, except dairy, poultry, and animal specialties (021)	696	409	574	251	479	394	450
Beef cattle, except feedlots (0212)	48	86	69	24	55	66	215
Dairy farms (024) Poultry and aggs (025) Animal specialties (027)	5 2 11	8 1 7	16 3 13	11 8 27	15 2 12	94 7 20	3 - 14
General farms, primarily livestock and animal specialties (029)	6	6	10	4	16	43	7

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, se	e introductory text	· · · · · · · · · · · · · · · · · · ·						
ltem		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.			· -					
Totel sales (see text)-Con. Sales by commodity or commodity group-								
Con. Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed	1982	-	-	-	-	-	-	-
Tobacco	\$1,000, 1987 1982 farms, 1987_	-	-	-	-	-	=	-
100000	1982 \$1,000, 1987 1982	- - -	-	=	=	- -	-	
Hay, silage, and field seeds	farms, 1987 1982 \$1,000, 1987	57 110 210	363 309 1 795	158 173 483	164 203 550	131 138 281	168 154 389	124 150 437
Vegetables, sweet corn, and malons	1982	473 1	1 314	566 5	883 3	300 18	615 4	600
	1982 \$1,000, 1987 1982	(D) (D)	1 (D) (D)	2 25 (D)	1 (D) (D)	3 (D) (D)	7 (D) 4	(D)
Fruits, nuts, and berries	farms, 1987 1982 \$1,000, 1987	1 1 (D)	6 3 29	7 2 27	1	7 1 80	3 4 (D)	7 2 52
Nursery and greenhouse crops	1982 farms, 1987	(D) 1	25 7	(D)	(D)	(D) 7	(D) 2	(D)
	\$1,000, 1982 1982	2 (D) (D)	4 61 (D)	2 (D) (D)	1 (D)	9 819 244	(D) (D)	(D) (D)
Other crops	ferms, 1987 1982 \$1,000, 1987	1 1 (D)	2 1 (D)	1 1 (D)	1 2 (D)	1 (D)	1 1 (D)	2 (D)
	1982	(D)	(D)	(D)	(D)	-	(D)	-
Livestock, poultry, and their products	1982 \$1,000, 1987 1982	516 699 48 634 62 028	1 486 1 591 120 437 107 251	1 029 1 172 72 802 83 218	1 052 1 280 68 086 (D)	587 741 29 869 38 374	742 818 23 125 22 612	564 629 24 345 24 939
Poultry and poultry products	farms, 1987 1982	26 25	53 80	52 68	48 100	32 37	34 50	13 21
	\$1,000, 1987 1982	4 019 5 285	1 130 (D)	259 475	518 (D)	(D) (D)	1 491 682	9 17
Dairy products	1982	10 23	682 758	59 88	41 70	9 10	83 99	15 18
Cattle and calves	\$1,000, 1987 1982 farms 1987	210 700 274	41 947 41 643 1 287	3 511 4 301 688	1 369 2 055 791	343 (D) 397	2 032 3 080 637	776 627 498
Came and Caves	1982 \$1,000, 1987 1982	20 793 32 716	1 447 24 903 22 446	808 38 945 42 858	1 039 35 785 42 395	517 11 787 18 598	708 9 673 9 554	573 14 994 16 283
Hogs and pigs	farms, 1987 1982	299 387	791 876	616 757	608 800	224 323	245 322	157 226
Chara lamba and week	\$1,000, 1987 1982	22 439 22 653 87	52 187 41 541 83	29 631 35 303 121	29 247 32 031 93	12 417 14 054 72	9 235 8 431 179	8 403 7 870 44
Sheep, lambs, and wool	1982 \$1,000, 1987	101 1 063	78 108	131 294	136 1 121	127 (D)	232 597	47 124
Other livestock and livestock products	1982	476	68	137	531	142	743	67
(see text)	1982	27 49	56 69	41 56	21 25	46 57	68 57 97	26 39 40 75
	\$1,000, 1987 1982	110 197	161 (D)	162 144	49 56	543 437	122	75
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)Field crops, except cash grains (013)		569 4	280 37	659 19	601 7	676 34	251 40	178 28
Cotton (0131) Tobacco (0132) Sugarcane and sugar beets, Insh potatoes;		-	-	-	_	-	-	-
field crops, axcept cash grains, n.e.c. (0133, 0134, 0139)	1	4	37	19	7	34	40	28
Vegetables and melons (016)		1	- 4	3	1 2	7 7	-	2 3
Horticultural specialties (018)		1 8	5 37	3 8	12	7 12	29	17
specialties (021) Beef cattle, except feedlots (0212)		261 25	748 190	665 65	675 114	290 94	527 291	454 298
Dairy farms (024) Poultry and eggs (025)		6	488 10	34	11 9	5 8	37 10	9 2
Animal specialties (027)		16 1	20 76	29	9	31	11	19
5p3Maiu63 (023)		1	/6		12		15	

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, se	e introductory text]								
Item		Delewere	Des Moines	Dickinson	Dubuque	Emmet	Feyette	Floyd	Frenklin
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.									
Total sales (see text)-Con. Sales by commodity or commodity group-									
Can. Crops, including nursery end greenhause crops-Con.									
Cotton and cottonseed	1982 \$1,000, 1987	-	-	-	- - -	-	-	-	-
Tobacco	1982	-	-	-	- -	-	-	-	=
	\$1,000, 1987 1982	-	-	-	-	-	-	-	-
Hey, silage, and field seeds	ferms, 1987 1982 \$1,000, 1987	252 220 1 052	94 78 339	62 71 389	311 273 1 515	40 44 194	236 273 991	97 127 335	81 96 221
Vegetables, sweet corn, and melons	1982	900	423 4 7	595 4 6	1 127 6 12	115	1 293 13	592 3 3	221 761 8 11
	\$1,000, 1987 1982	(D) -	(D) (D)	8 (D)	(D) (D)	(D)	83 (D)	(D) 1	(D) (D)
Fruits, nuts, end berries	1987 1982 \$1,000, 1987	5 2 35	4 6 13	3	12 9 24	2 1 (D)	(D) 3	1 2 (D)	1
Nursery and greenhouse crops	1982	(D)	21 5 3	(D) 8 5	31 8 8	(D) 2 1	(D) (Z) 3	(D) (D) 5 3	(D) 1 1
	\$1,000, 1987 1982	(D)	(D) (D)	184 202	334 177	(D) (D)	(D) (D)	(D) (D)	(D) (D)
Other craps	1987 1982 \$1,000, 1987	2 3 (D)	1 - (D)	-	1 2 (D)		1 - (D)	3	2 - (D)
	1982	11	-		(D)	309	1 160	(D) 585	611
Livestock, poultry, and their products	1982 \$1,000, 1987	1 257 1 319 138 652	441 518 18 206	348 431 35 451	1 502 1 562 139 630	377 20 950	1 329 87 519	723 33 517	781 54 914
Poultry and poultry products	1982	118 825 45 72	20 261 15 38	44 966 23 29	120 196 58 86	28 353 24 34	98 913 45 75	36 304 32 35	66 060 48 62
	\$1,000, 1987 1982	1 111 1 849	(D) (D)	1 769 2 392	(D) (D)	193 150	1 589 2 602	997 (D)	5 257 (D)
Dairy products	1982 \$1,000, 1987	516 555 32 549	15 12 1 137	22 18 1 146	612 647 46 212	2 6 (D)	407 477 25 100	45 65 1 613	26 47 927
Cattle and caives	1982	30 027 923 1 031	767 315 363	926 191 281	41 150 1 263 1 368	173 165 229	25 345 884 1 075	2 425 350 450	1 568 272 417
	\$1,000, 1987 1982	22 261 20 399	7 553 8 145	20 381 29 234	37 927 33 067	9 587 15 6 89	20 348 28 485	10 582 11 838	11 741 21 866
Hogs and pigs	farms, 1987 1982 \$1,000, 1987	930 1 004 82 525	174 250 9 172	179 242 11 822	892 982 54 171	182 222 10 940	611 731 39 880	311 377 20 139	400 516 36 557
Sheep, lambs, and wool	1982 farms, 1987 1982	66 327 78 78	10 900 63 74	12 071 63 74	45 429 63 79	12 232 39 43	42 196 105 104	20 248 65 113	37 964 82 112
	\$1,000, 1987 1982	171 131	160 113	279 296	(D) 72	158 71	455 152	124 157	203 473
Other livestock and livestock products (see text)	farms, 1987 1982	26 33 34	35 24	16 12	52 42	21 20	49 43	45 40	26 37
	\$1,000, 1987 1982	34 92	(D) (D)	54 47	180 (D)	(D) 38	147 133	62 (D)	228 (D)
1987 FARMS BY STANDARD									
INDUSTRIAL CLASSIFICATION			:						
Cash grains (011) Field crops, except cash grains (013) Cotton (0131)		283 18	467 8	360 10	191 30	431 3	543 15	604 9	640
Tobacco (0132) Sugarcane and sugar beets; frish potatoes; field crops, except cash grains, n.e.c.		-	-	-	-	-	-	-	-
(0133, 0134, 0139)		18 2	8	10	30 2	3	15	9	- 4
Fruits and trea nuts (017) Horticultural specialties (018) General farms, primarily crop (019)		2 1 18	5 5	7 2	5 7 26	2	2 1 15	1 5 10	3
Livestock, except dairy, poultry, and animal specialties (021)		781 57	235 61	181 21	894 162	156 15	576 95	295 50	925 26
Dairy farms (024)		257 257	10	10 7	450	- 4	265 5	20	7 13
Animal specialties (027)		80	13	7	24	6	20 63	24	9
specialities (UES)		80	J	•		L			<u>``</u>

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text	J							
Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con. Sales by commodity or commodity group-								
Con. Crops, including nursery and greenhouse crops-Con.								
Cotton end cottonseedfarms, 1987 1982 \$1,000, 1987	-	-	-	-	-	-	-	-
1982_ Tobaccofarms, 1987 1982	-	-	-	-	-	-	-	-
\$1,000, 1987 1982	-	-		-	-	-	-	-
Hay, silage, and field seedsfarms, 1987 1982 \$1,000, 1987	75 62 238	70 117 234	105 112 1 382	100 172 287	61 81 237	67 114 193	83 112	79 115
1982 Vegetables, sweet corn, and melonsfarms, 1987	196	374 5	636	741 1	(D) 2	363	274 330 9	209 615 6
1982 \$1,000, 1987 1982	2 10 (D)	(D) 4	2 (D) (D)	3 (D) (D)	(D)	(D)	7 (D) 51	4 55 (D)
Fruits, nuts, and berriesfarms, 19871982	3	2	1	4 7	-	2	5	9
\$1,000, 1987 1982 Nursery and greenhouse cropsfarms, 1987	(D) (D) 2	(D) (D) 2	(D) (D)	8 35 4	-	(D) - 1	(D) (D) 4	(D) 204 3
1982 \$1,000, 1987 1982	(D) (D)	2 (D) (D)	1 (D)	4 (D) (D)	1 (D) (D)	2 (D) (D)	345 (D)	(D)
Other cropsfarms, 1987	- 1	3 -	1 -	-	1 -	- 1	-	- 1
\$1,000, 1987 1982	(D)	(Z) -	(D) -	-	(D) -	(D)	-	(D)
Livestock, poultry, and their productsfarms, 1987 1982 \$1,000, 1987	397 482 30 532	478 650 31 010	653 769 63 662	703 844 34 041	515 663 76 226	577 731 44 851	671 815 61 580	621 822 31 600
Poultry and poultry products	31 669 12 14	40 811 23 36	(D) 62 75	44 104 25 42	83 799 51 63	53 079 40 41	73 996 38 59	31 937 29 41
\$1,000, 1987 1982	14 10	116 616	(D) (D)	106 (D)	31 558 25 097	(D) 1 082	1 958 (D)	20 34
Dairy productsfarms, 1987	7 4	-4	35 58	14 20	5	28 54	17 20	18 36
\$1,000, 1987 1982 Cattle and calvesferms, 1987	408 350 297	71 310	1 997 2 562 353	325 592 559	402 336 154	1 740 2 466 272	443 840 364	358 1 064 509
1982 \$1,000, 1987 1982	397 20 154 23 173	433 12 391 21 832	462 29 779 23 833	696 16 397 24 070	251 10 534 21 109	383 12 386 16 008	459 16 562 31 407	671 18 857 15 510
Hogs and pigs	166 193	207 317	403 496	318 415	340 444	401 509	406 493	260 385
\$1,000, 1987 1982 Sheep, lambs, and woolfarms, 1987	9 875 8 015 23	17 974 17 685 103	29 918 31 341 107	17 018 17 657 81	32 318 35 871 76	28 671 33 051 60	42 300 39 074 80	12 240 15 179 35
1982 \$1,000, 1987 1982	31 65 95	135 458 442	114 402 577	97 176 141	103 212 176	91 207 268	102 137 188	62 96 122
Other livestock and livestock products (see text)	16	21	39	31	44	16	46	27
1982_ \$1,000, 1987_ 1982_	16 17 25	32 71 165	28 (D) 60	39 19 (D)	35 1 202 1 210	17 (D) 203	41 181 (D)	21 29 27
1002	20	100	00	(5)	7 210	200	(5)	2,
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	499	716	624	476 8	708 6	699	636	668 9
Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; Insh potatoes;	-	-	-	-	-	-	-	-
field crops, except cash grains, n.e.c. (0133, 0134, 0139)	4	2	4	8	6	4	1	9
Vegetables and melons (016)	2 2	1 2	-	- 2	-	- 1	- 4	1 4
Horticultural specialties (018) General farms, primarily crop (019) Livestock, except dairy, poulitry, and animal	8	2 3	6	3	2 2	1 2	5	3 2
specialties (021) Beef cattle, except feedlots (0212)	179 48	204 50	355 31	434 181	252 25	313 20	382 44	315 99
Dairy farms (024)	2	- 2 15	20 5 13	4 3 16	27 27	18 4 4	2 5 19	4 2 6
General farms, primarily livestock and animal specialties (029)	5	1	10	10	2	6	7	10

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, se	to with budgetony toxe)								
ltem		Henry	Howard	Humboldt	ldə	lowa	Jeckson	Jasper	Jefferson
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.									
Total sales (see text)-Con. Seles by commodity or commodity group-									
Con. Crops, including nursery and greenhouse crops-Con.									
Cotton and cottonseed	1982	-	-	-	-	-		-	-
Tobacco	\$1,000, 1987 1982 forms, 1987	-	-	-	-	-	-	-	-
1008000	1982	-	-	- - -	-	-	-	-	-
	1982	-	-	-	- 1	-	-	-	-
Hay, silage, and field seeds	1982 \$1,000, 1987	94 93 217	114 132 303	47 49 304	71 124 234	162 178 612	238 229 994	216 272 655	105 113 282
Vegetables, sweet corn, and melons	1982 farms, 1987	273 3	510 1	141	(D)	716	950 4	883 12	333 5
	\$1,000, 1987 1982	(D) (D)	2 (D) (D)	1 (D) (D)	-	1 (D) (D)	5 (D) (D)	8 (D) 5	1 (D) (D)
Fruits, nuts, and berries		4	-	-	-	2	7	13	(0)
	1982 \$1,000, 1987	3 8	2	1	-	(D) (D)	5 42	9 68	2
Nursery and greenhouse crops	1982 	(D) 1	(D) 2	(D) 2 2	-	(D) 2 3	(D) 2	(D) 5 4	(D) 2 5 (D) (D)
	\$1,000, 1987 1982	(D) (D)	(D) (D)	(D) (D)	-	(D) (D)	(D) (D)	44 94	(D) (D)
Other crops	farms, 1987 1982	-	-	1	-	-	1 3	2 2	-
	\$1,000, 1987 1982	-	-	(D)	-	-	(0)	(D) (D)	=
Livestock, poultry, and their products		587	662	349	588	842	1 188	1 068	543
	1982 \$1,000, 1987 1982	675 32 592 38 056	822 38 255 40 386	449 32 499 36 641	677 50 612 (D)	970 57 141 69 669	1 281 79 105 71 696	1 279 69 007 80 812	690 23 552 26 932
Poultry and poultry products	farms, 1987 1982	46 59	35 58	14 33	20 35	34 63	59 75	52 63	17 33
	\$1,000, 1987 1982	5 103 5 905	(D) (D)	287 (D)	(D) (D)	744 356	234 431	648 615	24 (D)
Dairy products	farms, 1987 1982	11 12	172 243	10 10	11 17	34 72	222 266	33 56	12 21
Carrie and and an	\$1,000, 1987 1982	395 572	7 883 10 623	456 634	500 987	1 750 2 881	11 395 10 813	1 909 4 028	973 1 233
Cattle and calves	1982 \$1,000, 1987	378 461 7 656	495 648 11 296	149 209 12 859	410 537 29 593	643 768 24 533	1 056 1 139 41 701	778 992 27 746	407 551 7 925
	1982	9 212	12 770	14 996	35 893	31 736	35 280	33 089	9 847
Hogs and pigs	farms, 1987 1982 \$1,000, 1987	275 365 18 878	366 461 17 427	219 305 18 662	347 408 19 425	462 615 29 627	581 683 24 761	510 687 38 270	255 345 14 121
Sheep, lambs, and wool	1982	21 976 115	16 274 49	20 302	19 936 64	34 384 120	24 591	42 665 149	15 272 87
	1982 \$1,000, 1987	121 376	54 334	93 205	74 (D)	115 350	109 184	190 359	108 371
Other livestock and livestock products	1982	276	95	173	164	210	125	271	232
(see text)	1982	43 38	21 25 (D) (D)	14 27 30	26 22	33 42	59 55	57 43	27 42
	\$1,000, 1987 1982	184 115	(D) (D)	30 (D)	299 (D)	138 101	829 456	75 144	139 (D)
1987 FARMS BY STANDARD									
INDUSTRIAL CLASSIFICATION									
Cash grains (011)		413 14	428	559 2	365 4	406 8	236 25	707 19	349 18
Cotton (0131) Tobecco (0132)		12	-	-		-	-	-	-
Sugercane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		14	9	2	4	8	25	19	18
Vegetables end melons (016)		-	_	-	-	1	1	7	_
Fruits and tree nuts (017) Horticultural specialties (018)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	- 1		- 1	5 2	7	4 2
Generel farms, primarily crop (019) Livestock, except dairy, poultry, end animal specialties (021)		13 397	339	1	7 387	591	24 857	10 647	11 364
Beef cattle, except feedlots (0212)		117	49	9	38	122	243	135	112
Dairy farms (024) Poultry and eggs (025) Animal specialties (027)		7 19 19	107 5 3	3 5 6	5 2 13	18 4 7	151 4 26	11 8 33	7 - 17
General farms, primarily livestock and animal specialties (029)		9	37	6	4	13	23	13	3

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of appreviations and symbols, see introductory taxt]		r			1			
Item	Johnson	Jones	Keokuk	Kassuth	Lee	Linn	Louisa	Lucas
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.				_				
Total sales (see text)-Con. Sales by commodity or commodity group-								
Con. Crops, including nursery and graenhouse crops-Con.								
Cotton and cottonsaedferms, 1987 1982	-	-	-	-	-	-	-	-
\$1,000, 1987 1982	-	-	-	-	-	-	- -	-
Tobaccofarms, 1987 1982 \$1,000, 1987	=	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hey, silage, and field seedsfarms, 1987 1982	223 255	162 155	116 148	116 145	123 138	242 209	48 57	105 121
\$1,000, 1987 1982	725 785	645 515	410 548	465 434	266 409	740 617	144 410	279 400 4
Vegatablas, sweet corn, and melonsfarms, 1987 1982 \$1,000, 1987	20 9 (D)	3 (D)	-	10 12 97	7 i 9 88	28 24 446	11 13 412	1 12
1982.	(D)	(D) (D)	-	(D)	139	131	403	(D)
Fruits, nuts, and berriasfarms, 1987	30 16	4 8	2 2	-	10 11	17 14	4 5	-
\$1,000, 1987 1982	152 101	(D) 7 5	(D) (D)	-	(D) 57 3	147 105 26	(D) (D)	-
Nursery and greanhouse cropsfarms, 1987 1982 \$1,000, 1987	11 6 190	5 20	2	1	3 363	22 1 418	2 (D)	3
1982	72	(D)	(D)	(D)	(D)	1 438	(D)	(D)
Other cropsfarms, 1987	4	-	2	-	5 2	5 4	4 8 391	-
\$1,000, 1987 1982	(D) (D)	-	(D) -		(D) (D)	24 7	458	-
Livestock, poultry, and their productsfarms, 1987	992 1 185	922 1 065	786 959	960 1 165	702 783	1 088 1 230	383 471	556 649
\$1,000, 1987 1982	66 915 66 154	81 695 (D) 36	51 497 (D)	73 411 90 681	38 101 37 077	49 919 47 499	19 141 22 555	15 610 18 997
Poultry and poultry productsfarms, 1987	111	59	42 41	78 105	30 50 (D)	54 74 40	17 26 (D)	13 27 (D)
\$1,000, 1987 1982	6 556 3 680	65 (D)	(D) (D)	3 979 4 525	(D)	127	125	432
Dairy productsferms, 1987	121 124	133 163	8 29	67 83	31 35	106 134	4	9 12
\$1,000, 1987 1982	4 761 4 111	7 119 7 025	424 737	3 324 3 378	2 449 2 727	4 976 5 891	278 (D)	757 637
Cattle and calves	697 809 16 738	698 820 36 401	529 656 11 886	437 591 22 384	534 608 14 784	780 892 20 228	230 304 5 113	505 598 9 272
1982	16 648	30 934	13 946	32 943	13 018	17 582	7 179	11 063
Hogs and pigsferms, 1987 1982	594 747	534 648	486 658	647 816	285 363	508 611	228 295	142 240
\$1,000, 1987 1982	37 802 40 773	37 865 36 711	37 209 42 112	43 210 49 465	20 227 20 406	23 876 23 352	12 750 15 091 60	4 796 6 357
Sheep, lambs, and woolfarms, 1987 1982 \$1,000, 1987	197 252 921	97 109 164	126 151 1 062	138 173 489	91 105 277	178 201 445	68 125	82 83 387
1982	713	151	968	312	320	367	80	432
Other livestock and livestock products (see text)farms, 1987	63	39	44	24	38	65	21	39 31
1982 \$1,000, 1987	85 137	38 82	45 (D)	37 25	50 (D) (D)	63 354 180	(D) (D)	(D) 76
1982	229	131	90	58	(0)	180	(0)	/*
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	473	373	459	1 189	408	791	380	182
Field crops, except cash grains (013)	26 -	12	5 -	8 -	24	38 -	3 -	23
Tobacco (0132)Sugarcane and sugar beats; Irish potatoes;	-	-	-	-	-	-	-	-
fiéld crops, except cash grains, n.e.c. (0133, 0134, 0139)	26	12	5	8	24	38	3	23
Vegetables and melons (016)	7 13	- 2	1	3 -	3 2	15 11	5 4	1 -
Horticultural specialties (018) General farms, primarily crop (019)	8 20	3 9	11	2	3 12	17 29	1 5	24
Livestock, except dairy, poultry, and animal specialties (021).	688 141	631 118	533 88	460 27	489 162	659 177	223 23	429 253
Beef cattle, except feedlots (0212)	50	95	4	27	24	57	4	6
Poultry and eggs (025)	15 37	3 17	3 16	9 5	16	3 47	4 3	2 16
General farms, primarily livastock and animal specialties (029)	19	16	4	17	4	23	2	7
				_				

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meening of abbreviations and symbols, see introductory text]

[For meaning of abbreviations and symbols, se	e introductory text]		Т						
Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.									
Total sales (see text)-Con. Sales by commodity or commodity group-									
Con. Crops, including nursery and greenhouse crops-Con. Cotton and cottonseed		-	-	- }	~	-	-	~	-
	\$1,000, 1987 1982	-	-	-	-	-		-	-
Tobacco	farms, 1987 1982 \$1,000, 1987 1982	-	- - -	-	- - -	-	 	- - -	- -
Hay, silage, and field seeds	farms, 1987 1982 \$1,000, 1987	163 146 659	190 175 585	154 192 414	158 229 359	132 169 322	57 76 210	99 124 353	73 91 217
Vegetables, sweet corn, and melons	1982	551 9 6	598 4	543 5 8	904 10 5	(D) 8 2	247 7 6	396 9 6	448 2
	\$1,000, 1987 1982	34 8	19 (D)	(D) 30	(D) 13	15 (D)	(D) (D)	232 263	(D)
Fruits, nuts, and bernes	1982 \$1,000, 1987	2 5 (D)	7 3 77	4 2 (D)	7 6 90	2 (D)	3 3 2	2 2 (D)	-
Nursery and greenhouse crops	1982	10 3 4	(D) 3 1	(D) 3 5	59 9 7	8 8	(D) 4 4	(D) 3 5	=
0	\$1,000, 1987 1982	(D) 2	14 (D)	(D) (D)	1 723 1 541	1 249 935	18 26	(D) 37	-
Other crops	1982 \$1,000, 1987 1982	10	1 (D)	(D)	(D)	(D)	(D)	1 2 (D) (D)	(D)
Livestock, poultry, and their products	1982 \$1,000, 1987	956 1 143 96 832	816 948 35 985	886 1 019 75 941	817 956 37 408	676 819 40 591	363 462 23 481	660 732 62 272	453 560 31 848
Poultry and poultry products	1982 farms, 1987 1982 \$1,000, 1987 1982	103 894 54 81 71 201	35 228 32 38 (D) 117	81 195 43 74 1 454 (D)	47 753 42 66 825 1 041	44 302 32 32 40 557 682	31 253 13 15 7	59 521 59 70 5 301 4 889	41 184 15 25 8 56
Dairy products	1982 \$1,000, 1987	127 178 5 763	5 14 (D)	40 56 1 836	36 62 1 853	14 21 929	3 7 117	106 128 5 291	6 16 167
Cattle and calves	1982 farms, 1987 1982 \$1,000, 1987 1982	7 129 688 905 50 398 57 335	375 697 784 12 392 17 387	2 736 610 747 27 465 28 434	2 917 585 737 11 080 15 265	1 155 471 598 17 309 20 169	265 272 351 14 611 19 754	5 765 371 454 21 730 20 657	356 335 430 20 299 27 930
Hogs and pigs	farms, 1987 1982 \$1,000, 1987	599 768 39 883	297 441 12 792	534 688 44 745	402 549 23 307	315 389 21 256	170 246 8 627	406 464 29 681	247 321 11 173
Sheep, lambs, and wool	1982	38 757 105 117 589 443	16 901 104 125 402 290	48 316 106 108 399 287	28 181 95 86 260 270	21 938 108 131 419 221	11 109 36 36 104 79	27 903 72 90 174 209	12 647 46 58 179 154
Other livestock and livestock products (see text)	1982	31 35	40 66	27 29	43 38	39 40	14 12	31 35	17 25 22 40
	\$1,000, 1987 1982	128 30	72 158	42 (D)	83 79	120 138	15 42	95 99	40
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011) Field crops, except cash grains (013) Cotton (0131)		513 4 -	442 40 -	506 8 -	474 22 -	610 11 -	408 8 -	424 5 -	547 9 -
Tobacco (0132) Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n e c. (0133, 0134, 0139)		-	40	8	22	11	8	5	9
Vegetables and melons (016)		4	3 7	1	2 7	''	6 2	4 2	1
Horticultural specialties (018) General farms, primarily crop (019) Livestock, except dairy, poultry, and animal		1 6	12	2 6	8 8	8 12	7	2 10	6
specialties (021) Beef cattle, except feedlots (0212)		600 80	512 240	625 97	557 167	386 86	198 51	387 41	278 69
Dairy farms (024) Poultry and eggs (025) Animal specialties (027) General farms, primarily livestock and animal		58 3 17	1 3 30 7	18 9 8 10	19 5 20 9	7 8 22 7	9	55 20 8	2 - 6 5
specialties (029)		28		10	9			- 22	

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, se	e introductory text]								
Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.									
Total sales (see text)-Con. Seles by commodity or commodity group-Con. Crops, including nursery and greenhouse crops-Con. Cotton and cottonseed	1982 \$1,000, 1987	-		-	- - -	111	-	::	<u>:</u>
Tobacco	1982 1987 1982 \$1,000, 1987 1982	-	-	-	-	-	- - -	-	-
Hay, silage, and field saads	1982 \$1,000, 1987	136 131 483	96 109 (D) 535	97 123 269 371	105 148 306 639	89 101 415 673	122 129 233	53 72 211	203 224 861 833 5
Vegetables, sweat corn, and melons	1982 farms, 1987 1982 \$1,000, 1987 1982	(D) 1 (D) -	1 1 (D) (D)	33 29 1 198 699	3 - (D)	4 1 (D) (D)	(D) 2 - (D)	(D) 3 (D)	55 2 (D) (D)
Fruits, nuts, and berries	farms, 1987 1982 \$1,000, 1987 1982	2 2 (D) (D)	- - -	7 4 9 (D)	2 1 (D) (D)	2 1 (D) (D)	2 (D)	3 2 2 (D)	3 - 6
Nursary and greenhouse crops	farms, 1987 1982 \$1,000, 1987 1982	(D)	1 2 (D) (D)	8 4 268 (D)	2 3 (D) (D)	3 2 (D) (D)	4 4 (D) (D)	(D)	3 2 (D) (D)
Other crops	farms, 1987 1982 \$1,000, 1987 1982	-	-	11 12 237 271	-	-	(D)	-	=
Livestock, poultry, end their products	farms, 1987 1982 \$1,000, 1987 1982	591 650 20 424 22 053	487 589 25 489 (D)	581 725 29 474 37 346	805 911 103 757 112 898	481 592 39 312 49 760	728 829 35 941 42 372	502 636 38 987 46 656	1 303 1 537 129 086 135 157
Poultry and poultry products	1982 \$1,000, 1987 \$1,000, 1987	15 21 6 (D)	21 35 17 (D)	36 41 31 (D)	37 53 (D) 857	30 46 (D) 310	31 41 26 36	27 33 908 533	65 84 1 591 1 406
Dairy products	1982 \$1,000, 1987 1982	24 25 963 1 199 532 532 12 621 11 589	7 15 397 601 378 486 13 426 21 564	29 47 2 182 2 605 381 476 9 958 13 087	57 67 1 969 2 419 406 550 56 229 65 380	56 78 2 055 2 051 307 396 17 821 25 843	9 18 451 457 611 713 19 578 22 983	22 35 870 1 044 225 373 13 181 19 428	41 76 2 209 3 887 798 1 101 60 132 68 420
Hogs and pigs	1982 \$1,000, 1987 1982	163 254 6 561 8 791 75 79 209	250 303 11 511 12 905 44 54 90	289 421 16 996 20 657 106 102 251	574 616 44 297 43 694 100 118 387 319	271 376 18 340 19 640 60 76 303 1 899	332 436 15 553 18 639 57 56 151 179	370 438 23 642 24 732 59 77 311 858	897 1 093 63 878 60 306 124 139 (D) 336
Other livestock and livestock products (see text)	farms, 1987 1982 \$1,000, 1987 1982	33 29 64 (D)	13 21 48 53	45 34 58 (D)	20 29 (D) 227	6 15 (D) 18	38 34 182 78	14 20 74 62	35 43 (D) 801
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132) Sugarcane and sugar beats; insh potatoes; field crops, except cash grains, n.e.c.		180 33	395 9 - -	419 11 -	670 6 - -	443	535 10 - -	639 1 - -	718 12 - -
(0133, 0134, 0139) Vegetables and melons (016) Fruits and tree nuts (017) Horticultural specialities (018)		33	9 -	11 19 4 7	6 - - 1	1 2	10 - 1 4	1 - 3 2	12 2 2 2
General farms, primarily crop (019) Livestock, except dairy, poultry, and animal specialties (021) Baef cattle, except feedlots (0212)		17 465 293	7 274 84	18 363 67	486 34	231 22	13 425 111	255 15	11 926 95
Dairy farms (024)		10 1 12	3 1 8	21 2 29	22 4 11	15 5 3	7 1 17	9 4 7	17 8 22
specialties (029)		16	3	8	24	26	2	9	20

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of appreviations and symbols, sea introduc	tory text)	т		1			T	
item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total salas (see taxt)-Con. Sales by commodity or commodity group-								
Con. Crops, including nursery and greanhouse crops-Con.			,					
Cotton and cottonseed farms, \$1,000,	1982 1987		=	-	=	=	=	=
Tobaccofarms,	1982	-	=	-	=	-	-	=
\$1,000,	1987 1982		-	Ξ	-	-	Ξ.	-
Hey, silage, and field seedsfarms, \$1,000,	1982 84	137	191 236 649	161 222 574	93 162 350	86 148 342	127 128 421	136 144 397
Vegetables, sweet corn, and melonsfarms,	1982 345	457 16	1 281 17 9	(D) 2	(D)	822 2	407 20 16	524 2
\$1,000,		272 164	(D) (D)	(D) -	(D) (D)	(D) (D)	216 166	(D) (D)
Fruits, nuts, and berriesfarms, \$1,000,	1982	5 9 67	8 9 223	2 1 (D)	2 - (D)	1 (0)	14 8 (D)	2 1
Nursery and greenhouse cropsfarms,	1982	90 23	216 13 17	(D)	-	(D) - 2 2	66	(D) (D)
\$1,000,		2 552 1 294	1 775 918	(0)	=	(D)	16 1 582 1 146	(0)
Other cropsfarms, \$1,000.	1982 -	3 - 7	1 1	-		-	1	-
	1982	-	(D) (D)	=	(D)	_	(D)	(D)
\$1,000,	1982 598 1987 41 907	489 610 15 712	1 087 1 324 76 075	815 938 44 922	563 668 25 564	680 869 83 971	646 783 49 143	864 1 029 64 224
Poultry and poultry productsfarms,	1982 34	17 489 33 30	111 607 61 83	(D) 21 50	27 886 12 16	96 912 36 53	53 752 43 70	69 779 33 45
\$1,000,	1987 2 348 1982 (D)	830 (D)	256 402	(D) (D)	7 5	2 622 933	(D) 1 329	(D) 46
Dairy productsfarms, \$1,000,	1982 15		13 27 424	27 42 1 467	11 27 638	22 29 1 543	39 59 3 911	23 35 742
Cettle and calvesfarms,	1982 478 1987 205 1982 312	287 405	1 277 807 1 026	1 739 645 777	1 217 521 610	1 509 363 544	4 383 398 480	876 627 805
\$1,000,	1987 14 502 1982 19 648	5 902 6 765	49 870 82 126	19 454 21 983	14 909 17 394	38 285 56 826	18 414 20 059	32 001 37 295
Hogs and pigsfarms, \$1,000,	1982 408	169 242 7 991	546 666 24 946	385 512 23 108	221 295 9 831	447 549 40 883	353 465 25 721	514 629 30 518
Sheep, lambs, and woolfarms,	1982 23 224	9 037 72 86	26 843 100 129	23 708 117 127	9 107 44 44	37 182 103 128	27 649 108 112	31 180 64
\$1,000,		211	250 225	528 266	145 92	587 313	205 120	90 (D) 154
Other livestock and livestock products (see text)farms,	1987 15 1982 18	58 64	55 66	31 31	27 23	13 20	40 38	27
\$1,000,	1987 32 1982 (D)	338	330 734	(0)	36 71	51 149	(D) 212	28 257 228
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	722		926	473	210	600	450	589
Cotton (0131) Tobacco (0132)		29	29 - -	16 - -	11 - -	8 - -	12 -	5 - -
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	4	29	29	16	11	8	12	5
Vegetables and melons (016) Fruits and tree nuts (017)		11 3	4 7		-	1 -	8 9	2
Horticultural specialties (018) General farms, primarily crop (019) Livestock, except deiry, poultry, and enimal	1	18 13	11 11	1 11	15	2 4	10 11	3 9
specialties (021)	15	245 87	599 127	509 133	434 209	392 36	405 49	538 67
Dairy ferms (024)	7	5 10 53	6 5 48	16 2 6	8 - 4	9 10 4	24 3 29	12 1 10
General farms, primerily livastock and animal specialties (029)		9	6	13	19	5	12	8

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, se	e introductory text]								
Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.									
Total sales (see text)-Con. Sales by commodity or commodity group-									
Con. Crops, including nursery end greenhouse crops-Con.									
Cotton and cottonseed	1982 1982 \$1,000, 1987	-	-	-	-	-	-	-	-
Tobacco	1982 farms, 1987 1982	-	-	-	-	-	-	-	-
	\$1,000, 1987 1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	1982	254 224	91 101	194 231	109 110	103 123	149 139	171 173	230 244
Vegetables, sweet corn, and melons	\$1,000, 1987 1982 farms, 1987	1 061 1 117 2	300 644 11	682 798 7	(D) (D) 2	295 (D) 3	391 303 8	448 621 6	651 616 10
•	\$1,000, 1987 1982	(D) (D)	9 56 23	1 27 (D)	(D) (D)	(D)	1 13 (D)	3 (D) (D)	9 29 35
Fruits, nuts, and bemes	farms, 1987	3 1	9	5 2	-	-	5 3	3	7 8
Nursery and greenhouse crops	\$1,000, 1987 1982 farms 1987	(D) (D)	30 68 10	10 (D) 4	-		(D) 3	(D) (D)	(D) 251 7
Nuisely and gradiniouse diops	1982 \$1,000, 1987 1982	5 (D) (D)	6 (D) 575	8	=	2 (D) (D)	(D) (D)	5 146 100	10 188 202
Other crops	farms, 1987 1982	1	1	-	-	2	2	-	1 -
	\$1,000, 1987 1982	(D) (D)	(D)	(D)	-	(D)	(D)	-	(D)
Livestock, poultry, and their products	farms, 1987 1982 \$1,000, 1987	1 552 1 698 293 447	582 719 46 494	1 009 1 175 50 843	579 721 22 042	544 644 26 549	575 689 19 315	602 701 18 432	944 1 068 31 790
Poultry and poultry products	1982	271 779 93 98	43 047 41 39	56 991 77 112	25 993 18 24	(D) 18 19	22 149 17 35	(D) 20 37	37 082 30 36
	\$1,000, 1987 1982	7 122 4 597	2 969 3 709	1 186 (D)	(D) (D)	(D)	(D) 67	(D) (D)	(D) 1 404
Dairy products	1982	182 258	12 14	50 56	6 15	9 11	23 41 519	16 18 729	29 45 1 553
Cattle and calves		14 176 15 568 947	1 242 1 140 281	2 398 2 425 721	201 338 511	205 331 473	696 490	625 478	2 480 780
	\$1,000, 1987 1982	1 239 173 008 175 356	370 17 669 15 244	875 18 728 22 658	636 10 769 13 945	568 11 903 15 701	598 7 133 8 314	545 8 400 8 528	905 12 591 14 379
Hogs and pigs	1982	1 070 1 198	290 392	491 655	231 345	186 281	206 342	197 293	310 405
Sheep, lambs, and wool	\$1,000, 1987 1982 farms, 1987	90 993 75 776 176	24 026 22 442 104	27 920 30 158 151	10 543 11 052 45	7 430 9 675 75	11 075 12 674 127	8 934 10 449 70	16 511 18 361 88
	1982 \$1,000, 1987 1982	129 7 980 380	111 277 249	167 435 358	89 275 239	78 (D) 131	151 352 279	113 158 148	85 (D) 89
Other livestock and livestock products (see text)		45	62	38	20	28	43	41	71
(000 (0.1)	1982 \$1,000, 1987 1982	50 169 101	64 312 262	46 175 (D)	20 18 (D) (D)	39 (D) 159	40 (D) 119	43 (D) 81	69 645 369
				,-,					
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)Field crops, except cash grains (013)		698	732 10	760 20	337 16	251 19	315 22	356 56	472 63
Cotton (0131) Tobacco (0132) Sugarcane and sugar beets; Irish potatoes;		-	=	-	=	-	-	-	Ξ
field crops, except cash grains, n.e.c. (0133, 0134, 0139)		7	10	20	16	19	22	56	63
Vegetables and melons (016)		1	5	- 1	-	1 -	2 3	5 3 4	2 4 5
Horticultural specialties (018) General farms, primarily crop (019) Livestock, except dairy, poultry, and animal		2 7	8 7	15	8	10	23	23	31
specialties (021) Beef cattle, except feedlots (0212)		1 125 114	315 37	543 141	394 177	380 193	382 172	406 210	648 324
Dairy farms (024)		113 25 11	6 11 33	34 7 10	3 4 6	9 2 16	13 2 13	14 3 20	20 2 50
General farms, primarily livestock and animal specialties (029)		26	6	12	6	4	5	9	13

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

For meaning or abbreviations and symbols, see introductory	text							
Item	Washington	Wayne	Webster	Winnebago	Winnashiek	Woodbury	Worth	Wright
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con. Sales by commodity or commodity group-								
Con. Crops, including nursery and greenhouse crops-Con.	_							
Cotton and cottonseedfarms, 198 198 \$1,000, 198	2	-	-	-	-	-	-	
Tobaccofarms, 198	2 7			-	- -	-	-	-
198 \$1,000, 198 198	7 -		-	-	-	-	-	=
Hay, silage, and field seedsfarms, 198 198 \$1,000, 198	2 157	132 150 (D)	65 91 146	80 71 345	361 351 2 224	167 166 644	74 70 167	50 67 141
198 Vegetables, sweet corn, and melonsfarms, 198	2 652 7 10	(D)	277 10	185 6	1 786 5	666 9	(D) 4	(D) 2 2
198 \$1,000, 198 198	7 (D)	(D)	5 38 32	4 61 32	(D) (D)	5 26 13	(D)	(D) (D)
Fruits, nuts, and bernesfarms, 198 198 \$1,000, 198	2 5	2	2 3 (D)	2 - (D)	5 5 5	3 6 2	1	1 1 (D)
Nursery and greenhouse cropsfarms, 198	2 5 7 2	(D)	(D) 6	3	(D) 1	(D) 6	(D) 2	(D) (D) 2 3 (D) 15
198 \$1,000, 198 198	7 (D)	= =	3 211 (D)	(D) 44	(D) (D)	5 554 342	1 (D) (D)	3 (D) 15
Other cropsfarms, 198	2		1 -	-	-	- 1	1	-
\$1,000, 198 198		-	(D)	-	-	(D)	(D) -	-
Livestock, poultry, and their products farms, 198 198 \$1,000, 198	2 972	573 685 20 200	503 667 40 272	379 499 20 925	1 432 1 542 99 451	898 1 152 79 658	401 518 23 997	374 537 26 271
Poultry and poultry productsfarms, 198	2 89 808 7 77	23 937 9	42 090 23	23 693 17	97 020 58	89 254 40	29 522 18	35 056 24
198 \$1,000, 198 198	7 8 988	18 9 (D)	42 (D) (D)	23 (D) (D)	99 2 725 1 777	72 2 382 2 187	30 1 858 1 010	41 1 349 (D)
Dairy productsfarms, 198 198 \$1,000, 198	2 57	18 32 784	5 10 296	47 52 1 742	572 719 35 091	14 33 285	29 43 1 314	9 11 334
198 Cattle and calvesfarms, 198	2 1 450 7 488	1 175 522	648 225	(D) 165	39 266 1 236	1 082 609	2 059 229	363 155
198 \$1,000, 198 198	7 12 043	620 12 099 13 582	351 5 171 10 052	226 3 721 5 539	1 399 26 527 24 551	854 49 702 54 838	281 6 903 11 186	228 8 919 12 378
Hogs and pigsfarms, 198	2 738	178 251	270 358	252 331	743 843	470 639	245 332	219 340
\$1,000, 196 198 Sheep, lambs, and woolfarms, 198	2 62 568	7 080 8 623 57	19 605 20 735 64	15 178 15 781 61	34 265 31 036 104	25 691 29 361 107	13 754 15 059 68	15 234 21 342 69
198 \$1,000, 198	2 157 7 767	64 181	76 191	81 153	138 449 221	161 346 513	69 143 134	113 162 141
Other livestock and livestock products		233	144	180				
(see text)farms, 198 198 \$1,000, 198	2 66	37 26 48	33 50 (D) (D)	12 17 (D) 30	56 46 395	55 53 1 251	11 18 26	24 28 273 (D)
198	2 221	(D)	(D)	30	169	1 274	73	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION	:							
Cash grains (011)	8	249 24	973 11	472 8	263 47	661 27	423 5	700 1
Cotton (0131)		-	-		-	-	-	Ξ
field crops, except cash grains, n.e.c. (0133, 0134, 0139)	8	24	11	8	47	27	5	1
Vegetables and melons (016)	3] =	5 2 5	1 - 2	3	4 2 5	3	1
General farms, primarily crop (019) Livestock, except dairy, poultry, and animal	11	14	3	10	34	10	4 198	1 160
specialties (021) Beef cattle, except feedlots (0212)	60	419 246	207 35	210 19	774 200	592 119	28	11
Dairy farms (024)	21	10 -	3 7 14	23 2 6	405 9 21	5 11 32	12 6 4	2 4 7
General farms, primarily livestock and animal specialties (029)	7	15	5	8	76	11	12	6

¹Data for 1982 exclude abnormal farms. ²Data for 1982 include market value of barley sold.

Table 3. Farm Production Expenses: 1987 and 1982

[Date ere based on a sample of ferms. For meaning of abbreviations and symbols, see introductory text]

	1	,			-		
ltem	lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Totel farm production expenses farms, 1987	105 184	971	688	1 061	891	851	1 435
\$1,000, 1987	6 647 645	53 286	26 557	55 344	19 046	60 293	104 950
Average per farmdollars, 1987	63 200	54 878	38 601	52 162	21 376	70 849	73 136
Livestock and poultry purchased	46 066	472	223	582	311	384	625
	53 457	578	347	532	339	573	768
	1 358 161	8 495	4 042	6 990	3 200	14 586	25 792
	1 536 601	11 913	7 477	6 536	1 987	20 359	17 190
Feed for livestock and poultry farms, 1987_	64 752	664	480	875	563	542	906
1982_	78 070	872	621	903	576	765	1 151
\$1,000, 1987_	1 101 866	8 068	3 369	10 582	1 965	10 652	13 865
1982_	1 214 715	8 250	5 868	9 593	1 966	14 694	14 738
Commercially mixed formula feeds farms, 1987_	33 282	275	221	643	170	232	445
1982_	38 512	335	321	573	231	331	586
\$1,000, 1987_	475 104	2 875	1 593	5 508	300	3 232	6 680
1982_	539 236	2 381	2 037	5 352	574	4 829	7 886
Seeds, bulbs, plants, and treesfarms, 1987	88 807	855	549	943	569	743	1 241
1982	98 770	946	581	985	630	781	1 407
\$1,000, 1987	308 197	2 987	1 594	1 858	911	2 457	4 534
1982	313 092	2 530	1 626	2 135	872	2 569	4 790
Commercial fertilizer*	83 067	809	479	856	497	681	1 165
	86 632	740	489	828	572	674	1 250
	467 355	4 256	2 303	3 073	1 694	4 137	7 834
	562 767	4 478	2 674	3 425	1 603	4 991	9 467
Agnicultural chemicals ¹ farms, 1987 1982 \$1,000, 1987 1982 1982	86 631	844	540	876	538	669	1 242
	87 700	788	512	835	502	673	1 304
	309 894	2 913	1 536	1 273	925	2 425	4 860
	331 924	2 918	1 684	1 546	981	3 235	6 138
Petroleum products	100 939	949	660	1 021	831	825	1 388
	114 816	1 065	736	1 134	893	905	1 585
	315 061	2 645	1 796	2 950	1 298	2 822	4 667
	536 937	4 850	3 076	5 279	1 956	5 214	8 021
Gasoline and gasohol farms, 1987	87 982	803	561	917	687	674	1 211
1982	106 773	1 034	693	1 059	798	832	1 497
\$1,000, 1987	105 047	900	732	1 120	607	992	1 549
1982	186 833	2 104	1 256	1 978	888	1 631	2 800
Diesel fuel farms, 1987	73 400	621	481	793	519	580	996
1982	80 135	665	491	823	447	646	1 116
\$1,000, 1987	136 878	1 172	741	1 192	453	1 181	2 056
1982	203 866	1 752	1 219	1 816	666	2 057	3 076
Natural gas farms, 1987	5 064	54	61	73	49	77	40
	3 284	11	27	40	14	24	34
	6 637	44	41	38	15	78	87
	6 182	23	18	37	35	35	33
LP gas, fuel oil, kerosene, motor oil, grease, etc	86 862	830	552	924	606	703	1 254
	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	66 500	528	282	600	222	571	975
	140 056	971	584	1 448	367	1 491	2 111
Electricity	90 255	877	586	973	664	773	1 298
	94 737	923	626	1 027	518	748	1 313
	126 591	962	660	1 850	351	1 201	1 932
	130 326	994	784	1 925	356	1 325	1 844
Hired farm labor farms, 1987	49 121	441	353	542	255	394	691
1982	47 873	350	239	506	235	362	743
\$1,000, 1987	282 515	1 601	969	2 856	731	2 092	3 887
1982	222 146	1 286	1 150	1 951	447	2 176	2 988
Contract labor	8 078	81	64	125	42	51	128
	3 570	20	29	28	33	42	37
	21 032	284	94	315	118	299	398
	8 358	82	35	75	80	97	52
Repair and maintenance farms, 1987. Customwork, machine hire, and rental of machinery and equipment farms, 1987. 1982.	91 920	874	596	973	707	777	1 269
	407 270	3 797	2 120	4 537	1 668	3 513	5 958
	57 354	526	386	651	332	422	751
	57 502	491	357	610	380	460	775
\$1,000, 1987	133 395	1 091	801	949	399	1 004	2 071
1982	124 821	1 546	582	1 226	505	1 354	1 443
Interest paid ³	67 262	590	441	746	404	561	954
	76 462	717	511	805	413	723	1 119
	579 338	6 089	2 437	6 087	1 830	4 943	9 398
	1 015 561	6 432	6 082	9 388	3 479	11 639	14 903
Secured by real estate	44 371	403	312	492	324	375	664
	390 226	4 032	1 708	4 042	1 390	3 384	6 583
	41 208	358	271	465	192	360	575
	189 113	2 056	729	2 046	440	1 559	2 815
Cash rent	41 375	297	231	422	175	371	664
	492 800	2 934	1 022	3 184	745	4 748	9 561
	87 431	866	574	916	847	697	1 145
\$1,000, 1987_	230 810	2 541	1 172	1 919	1 594	1 892	3 377
All other farm production expenses farms, 1987_	101 919	938	680	1 035	846	822	1 399
\$1,000, 1987_	513 358	4 625	2 642	6 920	1 617	3 521	6 817

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Total are based on a sample of familis. To meaning or abbrevia	1		I .				
item	Black Hawk	Boone	Bremer	Buchenen	Buena Vista	Butler	Calhoun
Total farm production expenses farms, 1987. \$1,000, 1987. Avarage per farm dollars, 1987.	1 271	1 029	1 140	1 331	1 097	1 294	992
	76 037	64 349	59 231	83 259	99 632	83 277	65 428
	59 825	62 536	51 957	62 553	90 822	64 356	65 956
Livestock and poultry purchased farms, 1987	541	343	526	604	533	633	413
	586	396	622	620	477	754	493
	10 341	10 865	7 877	13 291	20 857	15 227	13 886
	10 358	11 137	8 818	12 300	21 809	13 729	19 965
Feed for livestock and poultry farms, 1987	709	382	750	806	645	837	485
1982	796	573	882	908	619	1 084	703
\$1,000, 1987	13 156	7 238	9 488	12 900	25 414	15 535	10 332
1982	10 874	8 966	10 292	13 104	20 708	13 647	13 999
Commercially mixed formula feeds farms, 1987	420	200	477	481	286	447	256
1982	387	234	572	546	336	591	346
\$1,000, 1987	6 749	2 676	4 767	4 695	15 466	6 337	3 953
1982	4 781	4 503	5 727	6 222	11 359	7 201	5 012
Saeds, bulbs, plants, and treesferms, 1987	1 095	900	917	1 169	948	1 095	880
	1 175	1 010	1 136	1 287	1 114	1 246	1 037
	3 674	3 789	3 187	4 175	3 755	3 766	3 555
1982	4 317	3 550	3 097	4 038	4 151	3 995	3 272
Commercial fertilizer ¹ farms, 1987	975	859	872	1 116	931	1 014	859
1982	1 017	851	1 035	1 163	981	1 107	884
\$1,000, 1987	5 384	5 306	4 774	7 153	5 397	5 959	5 255
1982	7 108	5 940	5 370	8 807	7 144	6 418	5 376
Agricultural chemicals¹	1 004	873	865	1 156	993	1 064	882
	1 038	900	929	1 136	1 067	1 154	957
	3 977	3 913	3 172	4 405	3 546	4 249	3 544
	4 326	3 725	3 109	4 723	4 418	4 415	3 623
Petrolaum products	1 233	978	1 094	1 294	1 026	1 233	954
	1 340	1 153	1 278	1 390	1 185	1 466	1 164
	3 523	3 160	3 028	4 187	3 811	3 682	3 080
	6 084	4 746	5 180	7 271	6 556	6 508	5 112
Gasolina and gasohol	1 117	854	966	1 098	907	1 089	893
	1 276	1 013	1 209	1 308	1 131	1 379	1 082
	1 025	993	1 006	1 135	1 110	1 194	1 011
	1 700	1 546	1 652	2 205	2 258	2 168	1 816
Diesal fuel farms, 1987	872	767	731	920	776	914	738
1982	882	831	888	989	950	1 051	908
\$1,000, 1987	1 394	1 539	1 087	1 740	1 601	1 451	1 464
1982	2 186	2 136	1 662	2 466	2 348	2 262	2 068
Natural gas farms, 1987	71	84	52	92	52	47	57
1982	96	75	18	51	51	60	42
\$1,000, 1987	162	168	48	100	(D)	72	48
1982	326	114	56	69	104	133	55
LP gas, fuel oil, kerosene, motor oil, grease, etc	1 071 (NA) 942 1 872	837 (NA) 460 950	943 (NA) 887 1 810	1 058 (NA) 1 212 2 531	921 (NA) (D) 1 846	1 055 (NA) 965 1 944	845 (NA) 558 1 173
Electricity farms, 1987_	1 111	860	1 027	1 101	932	1 129	840
1982	1 102	949	1 097	1 005	994	1 205	913
\$1,000, 1987	1 466	995	1 281	1 679	1 580	1 525	(D)
1982	1 400	1 009	1 401	1 294	1 534	1 772	1 105
Hired farm labor farms, 1987	597	513	480	665	553	667	533
\$1,000, 1987 1982	609 4 025 3 170	406 3 614 2 396	486 1 894 1 516	579 3 329 2 361	667 5 208 4 024	588 3 081 2 403	568 2 682 1 533
Contract labor farms, 1987 1982 \$1,000, 1987 1982	134	71	58	99	75	89	105
	15	41	9	21	34	33	27
	433	198	118	337	341	166	(D)
	45	34	45	13	65	60	117
Repair and maintanance farms, 1987_ \$1,000, 1987_ Customwork, machine hire, and rental of machinery and equipment ² farms, 1987_ 1982_ \$1,000, 1987_	1 051 4 787 799 752 1 843	922 3 916 520 574 1 140	1 047 4 057 600 658 1 548	1 177 4 988 689 654 1 473	972 5 434 611 652 1 664	1 164 4 813 755 713 2 176	832 4 105 572 553 1 143
1982 Interest paid ³	739 836 6 579	1 305 684 772 5 662	1 209 791 885 6 207	1 377 911 910 8 254	2 064 772 839 6 875	851 943 6 938	1 288 665 831 6 062
Interest paid on debt: Sacured by real estate	11 153 502 4 331	10 487 391 4 045	9 642 567 4 581	12 488 547 6 088 582	12 121 428 4 384 529	11 941 556 4 449 587	11 337 454 4 180 409
Not secured by real estate	452 2 247 557	416 1 617 421	465 1 626 425	582 2 165 556	2 491 549	2 489 572	1 882 435
\$1,000, 1987_ Proparty taxes peid	7 930 1 056 2 884 1 214	6 554 792 2 235 1 009	5 474 980 2 535 1 095	7 815 1 115 3 425 1 299	5 869 854 2 150 1 075	6 987 1 102 2 707 1 253	4 117 790 1 918 976
\$1,000, 1987	6 037	5 763	4 589	5 848	7 729	6 467	4 571

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

[Data are based on a sample of farms. For m	leaning of appreviation	ns and symbols, see	a introductory text	· · · · · · · · · · · · · · · · · · ·				
Item		Carroll	Cass	Ceder	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total farm production expenses	\$1,000, 1987	1 321 122 194 92 501	942 62 455 66 301	1 170 83 989 71 785	929 61 627 66 337	1 091 88 207 80 850	1 054 67 505 64 047	697 20 944 30 048
Livestock and poultry purchased		660 840 42 663 62 641	473 551 16 310 17 506	513 663 16 900 15 765	344 439 4 641 8 059	516 692 26 445 35 394	493 504 13 196 10 605	260 379 2 412 3 003
Feed for livestock and poultry	1982 \$1,000, 1987 1982	856 1 062 24 066 29 065 358 471	631 778 7 970 8 938 345 418	788 942 13 114 13 319 449 438	489 588 9 133 10 848 258 236	614 872 13 468 16 173 272 487	655 807 9 582 10 785 386 467	520 558 3 071 3 047 200 235
Seeds, bulbs, plants, and trees	\$1,000, 1987 1982 farms, 1987 1982 \$1,000, 1987	7 785 9 366 1 174 1 237 3 652	3 567 4 946 818 927 3 073	6 527 5 417 998 1 165 4 081	4 657 5 355 787 867 3 522	5 376 5 723 988 1 073 3 420	5 027 5 259 931 1 032 3 469	551 1 174 535 596 1 280
Commarcial fertilizer ¹	1982	3 455 1 098 1 049 5 561 5 986	2 818 732 793 4 074 4 937	4 702 952 1 022 6 076 8 604	3 973 744 822 5 444 7 659	3 132 923 907 4 600 4 821	3 329 857 861 5 505 6 541	1 140 511 488 1 801 2 009
Agricultural chamicals ¹	\$1,000, 1987 1982	1 146 1 059 3 195 2 942 1 285 1 396	826 774 2 962 3 214 903 1 066	1 008 1 036 4 542 5 436 1 084 1 323	765 858 3 641 4 802 915 1 033	956 975 3 233 3 009 1 063 1 214	914 887 3 417 3 922 1 029 1 167	508 458 1 214 986 661 766
Gasoline and gasohol	\$1,000, 1987 1982 farms, 1987 1982	4 388 7 036 1 108 1 335	2 992 5 256 772 971	3 644 7 028 952 1 205	3 969 6 971 822 940	3 480 5 396 879 1 066	3 428 6 521 906 1 106 1 152	1 525 2 482 516 706 660
Diesel fual	\$1,000, 1987 1982 farms, 1987 1982 \$1,000, 1987 1982	1 502 2 749 1 017 1 001 2 016 2 750	1 031 1 616 670 774 1 278 2 185	1 025 2 314 879 945 1 550 2 551	1 125 1 658 723 788 1 660 2 455	1 120 2 056 875 960 1 670 2 180	2 022 722 819 1 302 1 945	1 180 418 439 654 890
Natural gas	farms, 1987 1982 \$1,000, 1987 1982	87 11 61 4	48 28 66 35	62 20 64 22	44 64 111 193	51 23 49 33	49 31 105 47	6 31 3 11
LP gas, fuel oil, kerosana, motor oil, graase, etc		1 165 (NA) 809 1 532	795 (NA) 617 1 420	968 (NA) 1 006 2 142	797 (NA) 1 074 2 665	944 (NA) 641 1 127	902 (NA) 869 2 507	536 (NA) 208 402
Elactricity	\$1,000, 1987 1982	1 182 1 211 1 862 1 900 687	803 913 1 024 1 076 381	1 010 1 150 1 518 1 828 429	802 887 1 131 1 245 451	962 1 034 1 660 1 543 531	971 966 1 455 1 489 485	573 581 470 536 250
11100 101111 1000	\$1,000, 1987 1982	646 4 439 3 094	349 2 175 1 777	511 2 683 3 080	463 2 835 2 274	584 2 988 2 170	479 2 593 1 957	206 517 585
Contract labor	1982 \$1,000, 1987 1982 farms, 1987	79 56 245 108 1 180	80 17 104 38 842	24 301 12 999	76 58 121 157 799 3 806	33 193 44 983 4 507	22 147 22 954 4 373	24 85 45 552 1 644
Customwork, machine hire, and rental of machinery and aquipment ²	\$1,000, 1987 farms, 1987 1982 \$1,000, 1987 1982	6 088 800 695 1 839 1 453	4 418 552 504 1 268 996	4 520 667 681 1 524 1 789	503 475 1 981 1 634	668 666 2 081 1 229	576 653 1 143 1 387	362 373 491 579
Interest paid ³	farms, 1987 1982 \$1,000, 1987 1982	934 959 8 123 13 346	645 591 4 895 7 666	755 926 8 051 13 304	600 766 6 263 11 927	721 860 6 490 13 315	678 809 5 947 11 109	455 517 2 521 4 363
Interest paid on debt: Securad by real estate Not secured by real estate	\$1.000, 1987	659 5 753 512 2 370	440 3 052 392 1 843	434 5 253 493 2 797	422 4 123 380 2 140	442 4 512 500 1 978	482 4 177 404 1 771	294 1 759 222 762
Cash rent Property taxes paid All other farm production expenses	\$1,000, 1987 farms, 1987 \$1,000, 1987	520 6 141 1 064 3 090 1 299 6 842	416 4 341 796 2 300 908 4 549	566 8 005 907 3 094 1 112 5 935		546 6 336 846 2 205 1 069 7 101	523 5 124 923 2 915 1 018 5 211	214 1 047 602 1 125 640 1 741

Table 3. Farm Production Expenses: 1987 and 1982—Con.

(Date are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text)

Item		C'av	Clayton	Cliataa	Constant	Dallas	0	
		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total farm production expenses	\$1,000, 1987	877 67 332 76 776	1 706 101 074 59 246	1 438 93 334 64 906	1 339 86 523 64 617	1 081 54 700 50 602	921 27 831 30 219	715 28 570 39 957
Livestock end poultry purchased	farms, 1987 1982_ \$1,000, 1987_ 1982_	386 458 16 812 20 395	779 832 13 262 11 737	636 727 19 651 26 604	771 812 21 803 23 199	348 449 7 272 12 332	390 431 3 811 3 525	328 377 6 112 7 172
Feed for livestock and poultry	farms, 1987 1982 \$1,000, 1987	509 603 11 220	1 314 1 433 21 883	877 1 045 11 361	960 1 145 13 805	519 646 4 888	638 800 5 111	503 628 4 527
Commercially mixed formula feeds	1982 farms, 1987 1982 \$1,000, 1987 1982	12 987 281 353 4 241 6 416	20 539 948 1 009 11 867 11 792	14 632 469 585 4 279 8 345	15 009 390 508 4 187 4 754	5 175 214 301 1 728 2 160	5 795 244 271 1 913 2 258	4 086 168 221 1 168 1 367
Seeds, bulbs, plants, and trees	1982 \$1,000, 1987	734 929 3 306	1 445 1 488 3 837	1 246 1 385 4 445	1 093 1 308 3 667	882 1 048 3 104	730 770 1 480	484 535 1 147
Commercial fertilizer ¹	1982 farms, 1987 1982 \$1,000, 1987 1982	3 599 709 833 4 722 5 968	4 031 1 304 1 351 6 227 7 404	4 804 1 224 1 287 7 916 11 001	3 235 1 042 1 139 5 669 6 387	3 580 775 809 4 433 5 648	1 515 663 682 2 346 2 663	1 128 487 519 2 067 2 710
Agricultural chemicals ¹	1982 \$1,000, 1987	744 863 3 068	1 236 1 288 3 188	1 243 1 335 4 602	1 127 1 142 3 084	884 930 3 334	710 625 1 313	427 488 1 343
Petroleum products	1982 farms, 1987 1982 \$1,000, 1987 1982	4 058 840 1 045 3 085 5 728	3 350 1 625 1 725 5 046 8 164	5 377 1 363 1 558 4 189 7 781	3 072 1 295 1 511 3 922 6 164	3 744 1 040 1 196 2 683 4 809	1 848 890 946 1 609 2 803	1 408 670 769 1 558 2 831
Gasoline and gasohol	farms, 1987 1982 \$1,000, 1987 1982	711 1 016 973 1 954	1 497 1 657 1 881 2 943	1 194 1 405 1 318 2 573	1 138 1 377 1 448 2 268	912 1 124 923 1 709	815 918 645 1 157	596 747 766 1 314
Diesel fuel	farms, 1987 1982 \$1,000, 1987 1982	646 804 1 501 2 478	1 244 1 208 1 955 2 867	1 025 1 192 1 821 3 223	988 1 114 1 823 2 651	764 763 1 196 2 011	548 571 713 1 046	357 427 529 1 014
Natural gas	farms, 1987 1982 \$1,000, 1987 1982	30 17 41 49	36 29 38 56	69 20 99 74	63 58 59 71	74 19 61 70	57 - 23	30 23 38 16
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987_ 1982_ \$1,000, 1987_ 1982_	766 (NA) 570 1 248	1 407 (NA) 1 172 2 299	1 237 (NA) 951 1 911	1 123 (NA) 591 1 174	729 (NA) 503 1 019	702 (NA) 229 599	511 (NA) 224 487
Electricity	1982 \$1,000, 1987 1982	809 850 1 099 1 249	1 516 1 495 3 194 2 856	1 264 1 325 1 824 2 149	1 180 1 225 1 670 1 902	795 874 981 961	698 724 697 652	548 587 494 575
Hirad farm labor	farms, 1987 1982 \$1,000, 1987 1982	422 565 2 453 2 390	924 791 4 026 3 082	688 773 3 299 3 680	698 704 3 405 2 119	402 487 2 792 2 051	361 248 658 743	269 237 1 141 1 076
Contract labor	1982 \$1,000, 1987 1982	62 25 93 51	90 65 140 143	130 40 129 52	131 68 346 164	130 35 284 40	81 28 193 174	27 22 105 45
Repair and maintenance	\$1,000, 1987 farms, 1987 1982	794 4 418 520 602	1 527 8 149 952 913	1 272 5 177 838 797	1 201 4 862 870 832	851 3 288 513 606	778 2 104 417 472	603 2 327 385 438
Interest paid ³	1982	1 253 1 584 612 712	2 344 1 613 1 219 1 098	2 251 1 739 923 1 126	1 706 1 421 920 983	1 270 1 306 636 801	414 664 625 619	544 831 373 468
Interest paid on debt. Secured by real estate		5 397 11 697	10 397 13 926	8 357 15 848 564	7 931 11 324 664	6 078 10 727	3 025 6 253 533	2 291 5 478 225
Not secured by real estate	\$1,000, 1987	3 462 408 1 935	7 901 666 2 496	5 062 627 3 295	5 468 562 2 463	4 269 341 1 809	2 370 283 655	1 730 200 561
Cash rent	\$1,000, 1987 ferms, 1987 \$1,000, 1987	307 3 903 717 2 043	509 5 067 1 494 4 329	652 9 696 1 115 3 364	525 6 463 1 109 2 636	402 5 907 898 2 749	232 817 872 1 599	216 1 215 627 1 179
All other farm production expenses	\$1,000, 1987	860 4 459	1 637 9 982	1 397 7 071	1 320 5 554	1 018 5 638	889 2 653	681 2 518

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Deta are based on a semple of ferms. For meaning of ebbreviations and symbols, sea introductory taxt]

(Data are based on a semple of lems. For it	learning or eboretic	tions and symbols	360 milioddoloi	- Luxti					
ltern		Delaware	Des Moinas	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total farm production expenses	\$1,000, 1987	1 452 123 128 84 799	752 32 754 43 555	593 45 481 76 696	1 690 113 839 67 360	609 38 847 63 788	1 510 100 483 66 545	985 58 137 59 023	1 012 80 138 79 188
Livestock and poultry purchased	1987 1982 \$1,000, 1987 1982	910 883 18 914 14 899	273 239 3 392 4 636	201 296 12 881 17 737	1 009 1 064 23 907 19 327	208 259 6 810 9 661	785 868 15 028 19 469	422 379 8 386 9 223	402 555 12 037 19 367
Faed for livestock end poultry	farms, 1987 1982 \$1,000, 1987	1 202 1 244 32 473	342 527 3 775	326 406 6 767	1 431 1 479 26 778	247 330 4 133	1 044 1 252 17 457	538 624 7 875	540 734 14 201
Commercielly mixed formula feeds	1982 farms, 1987 1982 \$1,000, 1987 1982	24 700 827 878 15 530 12 995	5 229 173 236 2 110 1 879	11 763 186 265 2 440 5 357	22 902 979 922 13 758 9 861	4 433 114 142 1 333 1 661	19 256 712 711 8 338 9 629	6 443 240 308 3 327 3 323	16 145 329 349 7 621 9 502
Saeds, bulbs, plants, and trees	farms, 1987 1982 \$1,000, 1987 1982	1 268 1 288 4 025 4 127	653 667 2 078 2 321	534 604 1 963 2 260	1 429 1 482 3 090 3 240	576 652 2 329 2 624	1 335 1 461 4 399 4 797	831 968 3 368 3 413	862 1 044 3 968 4 604
Commercial fertilizer ¹		1 209 1 159 7 362 8 925	617 594 3 198 3 612	485 525 2 693 3 863	1 295 1 322 5 505 5 911	539 596 3 458 4 215	1 253 1 343 7 460 9 150	771 876 4 613 5 994	827 949 6 043 7 154
Agricultural chamicals ¹	1982 \$1,000, 1987 1982	1 221 1 106 3 559 3 568	650 587 2 281 2 693	519 536 2 114 2 063	1 349 1 316 2 142 2 248	542 628 2 237 2 555	1 252 1 258 4 353 4 650	839 847 3 301 3 983	861 946 4 562 5 078
Patroleum products	1987 1982 \$1,000, 1987 1982	1 395 1 477 5 993 8 867	726 802 1 700 3 414	557 640 2 016 3 636	1 658 1 691 5 202 7 061	594 714 2 266 4 253	1 434 1 638 4 893 8 935	934 1 096 3 252 6 067	987 1 168 3 889 6 633
Gasoline and gasohol	1982_ \$1,000, 1987_ 1982_	1 227 1 392 1 946 2 914 1 110	613 752 497 1 196	501 608 770 1 272	1 534 1 612 2 227 3 161	490 668 686 1 244 535	1 248 1 573 1 590 2 897 1 009	870 1 052 991 1 916 641	875 1 093 1 082 2 144 799
Diasal fuel	\$1,000, 1987 1982 \$1,000, 1987 1982	1 110 1 072 2 142 2 895	478 500 851 1 328	428 496 847 1 487	1 139 1 120 1 821 2 251	555 1 146 1 852	1 198 1 1951 3 107	729 1 334 1 907	917 1 839 2 476
Natural gas	1987 1982 \$1,000, 1987 1982	53 48 146 104	31 11 12 160	11 25 16 32	96 51 85 53	31 26 23 66	68 16 93 53	58 54 103 127	83 36 80 52
grease, etc.	farms, 1987 1982 \$1,000, 1987 1982	1 264 (NA) 1 760 2 954	576 (NA) 340 729	486 (NA) 384 845	1 431 (NA) 1 069 1 596	536 (NA) 411 1 091	1 298 (NA) 1 259 2 877	822 (NA) 824 2 117	918 (NA) 888 1 960
Electricity	1982_ \$1,000, 1987_ 1982_	1 313 1 294 3 154 2 769	588 611 576 814 284	541 512 709 694	1 557 1 559 3 011 2 677 933	507 602 699 653 340	1 370 1 435 2 341 2 369 811	873 970 1 133 1 250 513	932 1 026 1 361 1 615 492
Hired farm labor	1982. \$1,000, 1987. 1982.	825 679 4 822 3 689	256 1 253 1 602	246 338 1 927 1 775	768 5 614 3 688	325 1 347 1 097	896 4 687 4 070	437 2 906 2 876	532 3 500 3 477
Contract labor	1987	94 47 338 210 1 282	49 22 75 82 634	63 22 160 32 504	126 53 326 96 1 577	63 14 174 55 548	107 49 226 52 1 338	107 47 210 66 924	44 52 180 88 888
Customwork, machine hire, and rental of machinary and equipment ²	\$1,000, 1987	8 249 947 758 1 844	2 339 398 367 1 039	2 394 346 303 610	6 723 1 055 904 2 037	2 544 271 315 702	7 222 924 899 2 332	3 882 506 515 1 186	888 4 525 588 583 2 353
Interest paid ³	1982 farms, 1987 1982	985 1 057	353 454	731 371 407	1 535 1 011 1 010	701 433 536	2 236 1 011 1 118	1 246 692 719	1 494 731 885
Interest paid on debt: Secured by real estate	\$1,000, 1987 1982 farms, 1987	11 335 16 993 700	2 993 5 176 219	3 520 6 953 207	9 481 12 751 628	3 246 7 683 201	10 604 16 338 670	5 543 9 942 459	7 100 15 262 451
Not secured by real estate	\$1,000, 1987 farms, 1987 \$1,000, 1987	8 005 577 3 331	2 465 199 528	1 677 279 1 843	6 426 636 3 055	1 658 334 1 588	7 541 618 3 063	3 643 472 1 900	4 725 484 2 374
Property taxes paid	\$1,000, 1987 farms, 1987 \$1,000, 1987	507 6 821 1 155 3 831	275 3 724 613 1 794	332 3 886 452 1 021	566 5 340 1 406 3 322	313 4 759 435 1 140	514 7 634 1 300 3 893	467 5 516 818 2 216	490 8 157 801 2 304
All other farm production expenses	farms, 1987 \$1,000, 1987	1 417 10 409	706 2 536	568 2 821	1 659 11 361	594 3 002	1 501 7 954	949 4 750	994 5 957

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbola, see introductory taxt]

Item		Framont	Greene	Grundy	Guthrie	Hamilton	Hencock	Herdin	Harriso
Total farm production expanses	ferms 1997	718	949	1 038	960	1 026	1 053	1 065	1 02
Avarage per farm	\$1,000, 1987	47 330 65 827	58 298 82 485	92 137 88 764	44 194 46 036	97 625 95 151	74 409 70 664	90 777 85 237	57 31 55 97
Livastock end poultry purchased	farms, 1987	187	245	411	438	361	465	447	33
	1982	264	445	510	550	459	538	564	37
	\$1,000, 1987	10 594	7 890	21 499	7 284	17 559	12 061	18 089	9 68
	1982	16 147	12 486	18 707	12 400	19 583	12 023	24 405	8 80
Feed for livestock end poultry	farms, 1987	280	408	585	613	459	549	609	51
	1982	498	617	686	700	632	731	751	63
	\$1,000, 1987	5 320	6 665	12 557	5 650	26 212	10 842	15 072	5 75
	1982	7 490	9 018	13 591	9 336	28 098	12 460	15 194	5 42
Commercially mixed formula feeds	farms, 1987	129	212	304	246	250	322	324	24
	1982	189	242	384	301	295	337	416	28
	\$1,000, 1987	1 292	3 004	5 085	1 838	20 160	5 516	5 331	1 87
	1982	1 926	3 687	6 534	5 053	18 982	4 427	5 988	2 09
Seeds, bulbs, plents, end trees	ferms, 1987	632	841	918	757	917	921	926	68
	1982	664	909	1 005	939	1 032	1 100	1 062	1 05
	\$1,000, 1987	2 971	3 592	3 738	2 099	3 692	4 075	4 164	3 66
	1982	2 654	3 592	3 518	2 165	3 848	4 182	4 338	3 50
Commercial fertilizer ¹	1982	612 600	786 815	879 906	712 744	884 943	902 955	869 915	84 97
	\$1,000, 1987	3 275	5 201	6 038	3 446	5 186	6 261	5 837	5 72
	1982	3 642	5 678	6 202	4 591	6 976	6 689	7 861	6 95
Agricultural chemicals ¹	farms, 1987	622	818	930	807	906	942	904	86
	1982	618	808	834	813	938	949	961	89
	\$1,000, 1987	2 807	3 902	4 920	2 624	4 090	4 151	4 522	3 92
	1982	2 812	3 616	4 580	2 920	4 409	3 965	4 682	3 45
Petroleum products	1982	671 771	900 1 043	1 005 1 129	939 1 093	1 005 1 158	1 019 1 176	1 022 1 184	94 1 19
	\$1,000, 1987	2 587	3 285	3 941	2 701	4 217	4 066	3 764	3 21
	1982	3 929	4 676	5 449	4 281	7 361	7 380	6 489	4 92
Gesoline end gasohol	farms, 1987	573	771	846	870	837	902	903	77
	1982	675	908	1 048	1 040	1 074	1 105	1 093	1 06
	\$1,000, 1987	814	1 163	1 128	1 044	1 026	1 104	1 107	1 15
	1982	1 119	1 766	1 622	1 812	1 912	2 270	1 923	1 89
Diesel fuel	1982	515 621	726 763	831 814	629 601	801 917	889 947	771 903	70 85
	\$1,000, 1987	1 277	1 601	1 679	1 037	1 777	1 939	1 697	1 63
	1982	2 107	2 025	2 021	1 440	2 570	2 736	2 388	2 29
Natural gas	1982	22 27	60 3	76 21	45 14	54 28	79 77	93 12	31
	\$1,000, 1987	23	51	99	130	75	93	85	5-
	1982	9	26	46	23	41	136	17	3
LP gas, fual oil, karosena, motor oil, graese, atc.		594	794	919	777	908	949	881	79
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA
	\$1,000, 1987	474	469	1 035	490	1 339	930	875	37)
	1982	693	859	1 761	1 006	2 838	2 238	2 161	70:
Electricity		588	854	892	787	902	954	905	87
	1982	580	860	915	786	864	1 020	1 023	99:
	\$1,000, 1987	831	1 079	1 364	961	1 650	1 361	1 511	1 33
Hired farm labor	1982	736	1 070	1 318	929	1 575	1 470	1 474	1 50.
	farms, 1987	345	518	548	350	512	616	605	48
	1982	372	465	592	332	554	505	528	53.
	\$1,000, 1987	2 916	3 225	3 822	1 390	5 187	3 235	3 824	2 54
	1982	2 227	2 313	3 425	1 728	3 853	1 980	3 998	2 60
Contract lebor	farms, 1987 1982	111 23	97 29	92 47	90	80 39	53 28	55 43	13. 4
	\$1,000, 1987 1982	379 61	191 40	331 58	187	667 336	130 65	213 57	24 12
Repair end maintenance		609 3 063	889 4 499	908 4 772	765 3 570	899 4 807	920 4 471	954 5 475	85 3 69
Customwork, machine hire, and rental of mechinery and aquipment ²	farms, 1987	424	581	662	496	551	600	626	59:
	\$1,000, 1987 1982	414 1 125 867	514 1 938 1 415	674 2 319 1 666	507 1 214 844	576 1 066 1 611	584 1 587 1 206	627 1 879 2 251	58: 1 35: 1 10:
Interast paid ³	farms, 1987	384	614	774	598	729	789	700	679
	1982	534	733	818	677	785	777	838	83
	\$1,000, 1987	3 583	5 513	8 807	4 497	7 521	7 060	7 286	6 47
Interest paid on debt: Secured by real estate	1982farms, 1987	7 455 238	12 616 351	12 700 488	7 798	14 940	12 497 477	14 661 445	8 78 48
Not secured by real estete	\$1,000, 1987	2 117	3 650	5 665	2 822	5 625	4 649	4 593	4 711
	ferms, 1987	2 229	376	517	384	512	498	429	411
	\$1,000, 1987	1 466	1 863	3 141	1 675	1 895	2 411	2 694	1 75-
Cash rent	\$1,000, 1987	137 1 815	378 4 824	558 9 535	318 2 632	478 8 347	570 7 249	559 9 095	281 2 899
Property taxes paid	\$1.000. 1987	830 1 889	725 2 326	779 2 158	808 1 831	803 2 646	858 2 211	832 2 583	845 2 130 985
All other ferm production expenses	farms, 1987 \$1,000, 1987	689 4 195	929 5 368	1 027 6 335	938 4 109	1 012 6 778	1 045 5 6 51	1 038 7 461	4 67

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

[Data are based on a sample of farms. For m	neaning of apprevia	tions and symbols	, see introductory	(axt)					
Itam		Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jaffarson
Total farm production expenses Average per farm	\$1,000, 1987	894 44 968 50 299	938 52 352 55 812	754 52 755 69 966	787 61 684 78 379	1 057 70 646 66 836	1 354 74 148 54 762	1 465 84 547 57 711	774 33 075 42 732
Livastock and poultry purchased		352 420 5 424 7 824	423 476 6 624 7 252	237 330 11 122 12 255	419 510 17 962 22 837	544 545 13 498 18 679	790 812 18 867 17 202	607 761 14 674 19 253	262 3 68 3 995 6 762
Faad for livastock and poultry	farms, 1987 1982 \$1,000, 1987 1982	532 618 9 086 12 939	615 763 8 472 7 781	317 417 6 247 7 548	514 598 7 996 10 282	787 979 11 543 15 469	1 126 1 195 13 035 10 870	910 1 133 15 054 16 167	489 538 4 188 5 838
Commarcially mixed formula feads		198 283 5 272 7 573	360 404 4 178 3 747	134 194 1 551 3 550	229 282 2 875 3 761	398 461 4 932 6 286	597 627 5 836 4 462	417 472 4 734 7 014	265 222 1 428 2 513
Seeds, bulbs, plants, and traes	1982 \$1,000, 1987 1982	728 785 2 124 2 541	811 908 2 659 2 890	698 793 3 051 3 156	681 762 2 652 2 446	927 928 3 191 3 120	1 049 1 199 2 289 2 845	1 183 1 286 4 248 4 472	616 724 1 928 2 116
Commarcial fartilizer ¹	farms, 1987 1982 \$1,000, 1987 1982	719 732 3 579 4 945	781 830 4 323 4 613	677 698 4 191 5 689	647 704 3 940 4 309	841 882 5 150 6 566	1 057 1 086 4 290 5 936	1 089 1 103 6 246 7 710	568 634 3 772 4 467
Agricultural chamicals¹	1982 \$1,000, 1987 1982	736 733 2 588 2 644 863	751 783 3 147 2 538 911	683 725 3 074 3 212 735	659 687 2 674 2 369 757	912 835 3 308 3 395 1 011	1 032 1 066 1 861 2 374 1 256	1 162 1 189 4 369 4 390 1 397	635 637 1 958 2 124 754
r di oldini prodetti :	1982 \$1,000, 1987 1982	946 2 164 3 951	1 050 2 938 5 545	848 2 479 4 642	874 2 344 4 267	1 150 3 145 5 553	1 415 3 342 5 511	1 575 3 996 6 839	885 2 195 3 388
Gasoline and gasohol	1982 \$1,000, 1987 1982	709 853 698 1 202 561	843 1 009 1 118 2 022 636	579 790 664 1 397 603	578 781 747 1 613 588	840 1 051 1 047 2 002 798	1 189 1 336 1 481 2 594 771	1 244 1 498 1 351 2 560 970	662 775 812 1 126 552
Diasal Iuai	\$1,000, 1987 1982 1982	577 913 1 542	697 1 094 1 704	664 1 294 2 034	633 1 229 1 727	833 1 404 2 047	876 1 191 1 723	1 028 1 709 2 673	570 901 1 438
Natural gas	farms, 1987 1982 \$1,000, 1987 1982	38 11 59 23	27 7 65 11	42 21 32 21	31 18 16 6	60 9 66 45	31 45 41 73	37 26 66 24	18 26 10 40
grassa, atc.	farms, 1987 1982 \$1,000, 1987 1982	729 (NA) 493 1 184	808 (NA) 661 1 808	675 (NA) 488 1 191	676 (NA) 352 920	872 (NA) 629 1 4 58	1 031 (NA) 630 1 121	1 185 (NA) 870 1 582	662 (NA) 472 784
Electricity	1982 \$1,000, 1987 1982	741 769 747 841 389	860 913 1 181 1 210 439	607 774 772 1 051 381	700 753 1 059 1 166 514	925 1 001 1 250 1 319 464	1 174 1 283 1 656 1 593 560	1 219 1 307 1 761 1 636 724	682 684 679 750 315
Hired farm labor	1982 \$1,000, 1987 1982	293 2 080 1 330	423 2 250 1 798	345 2 407 1 607	490 2 385 1 455	378 3 440 2 157	678 2 833 2 430	639 3 718 3 365	322 1 331 1 186
Contract labor	1982 \$1,000, 1987 1982	59 29 89 (D) 791	49 34 56 42 832	81 38 171 128 653	47 42 102 100 715	68 3 139 (D) 942	94 15 88 35 1 190	115 40 231 98 1 217	28 32 75 68 879
Customwork, machina hira, and rental of machinery and aquipment ²	\$1,000, 1987	2 828 405 376 917 706	3 471 446 560 1 477 1 041	3 218 345 377 942 704	3 278 447 520 1 409 1 112	4 589 620 549 1 282 1 521	4 950 773 757 1 417 1 334	5 251 709 793 1 773 1 729	2 423 348 384 825 566
Intarast paid ³	farms, 1987 1982 \$1,000, 1987	572 678 4 666	694 712 5 444	480 583 4 679	572 523 4 793	728 803 6 545	871 986 6 763 11 523	888 1 090 6 957 14 387	448 554 2 995 6 193
Intarast paid on dabt: Secured by real astate	\$1.000, 1987	8 449 378 3 128	7 809 516 3 817	9 671 283 2 721	7 207 355 2 852	10 613 546 4 745	692 4 681	600 4 847	314 1 965
Not secured by real estate	farms, 1987 \$1,000, 1987	359 1 538	406 1 627	312 1 958	395 1 940	392 1 800	400 2 082	485 2 110	233 1 031
Cash rant Property taxes paid	\$1,000, 1987 farms, 1987 \$1,000, 1987	290 2 926 769 2 370	324 3 291 823 2 385	363 4 400 558 1 661	396 5 556 629 1 502	416 4 731 930 3 097	479 4 285 1 215 2 620	562 6 541 1 167 3 617	203 1 930 681 1 850
All other farm production expenses		859 3 379	916 4 632	738 4 343	772 4 033	1 051 5 737	1 313 5 851	1 396 6 111	720 2 952

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of ferms. For meaning of abbreviations and symbols, see introductory text]

[Deta are based on a sample of ferms. For it	learning of abbreviali	ons and symbols	300 1111 00000101)	toxtj					
Item		Johnson	Jonas	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total farm production expenses	\$1,000, 1987	1 356 73 709 54 357	1 161 93 079 80 171	1 036 62 938 60 751	1 717 123 769 72 084	989 44 558 45 053	1 688 77 724 46 045	635 33 806 53 238	691 19 456 28 156
Livestock and poultry purchased	ferms, 1987 1982 \$1,000, 1987 1982	601 713 11 232 10 886	649 718 24 464 16 456	418 518 7 785 9 665	657 828 18 591 25 219	340 458 7 694 8 546	626 755 12 303 10 442	227 260 3 058 3 607	238 354 1 823 3 727
Faed for livestock and poultry	1982 \$1,000, 1987	844 1 054 17 648	848 1 073 16 609	699 886 10 690	841 1 033 17 404	575 686 7 721	951 1 076 9 671	306 423 3 957	413 550 3 339
Commercially mixed formule feeds	1982 farms, 1987 1982 \$1,000, 1987 1982	17 650 521 596 10 510 10 152	13 756 481 580 6 767 7 465	15 517 281 407 4 269 6 859	22 413 410 533 6 738 10 460	9 225 288 350 2 988 4 334	8 602 495 586 3 476 4 661	5 095 136 226 1 479 2 031	4 245 196 212 920 1 597
Seeds, bulbs, plants, and trees	farms, 1987 1982 \$1,000, 1987	1 104 1 304 3 158	1 002 1 111 3 474	859 1 025 3 278	1 596 1 738 6 717	850 894 2 209	1 421 1 573 4 254	572 624 2 194	504 583 1 033
Commercial fertilizer ¹	1982 farms, 1987 1982 \$1,000, 1987 1982	3 293 1 006 1 105 5 091 6 670	3 393 928 1 026 5 934 8 135	3 097 825 837 6 144 6 553	6 985 1 547 1 518 10 184 11 094	2 051 787 811 3 855 4 378	4 173 1 243 1 350 5 911 7 961	2 439 563 566 3 456 4 577	939 478 431 1 692 1 769
Agricultural chemicals ¹	1982 \$1,000, 1987	1 059 1 062 3 500	923 1 026 3 279	852 909 3 967 3 799	1 600 1 545 6 507	826 794 2 417 2 453	1 342 1 357 3 751 4 781	582 616 2 443 2 549	501 446 838 1 023
Petrolaum products	1982 farms, 1987 1982 \$1,000, 1987 1982	3 738 1 295 1 493 3 496 5 723	3 880 1 126 1 307 3 814 6 150	996 1 193 3 774 5 831	6 911 1 665 1 885 7 143 12 529	955 1 060 2 207 4 015	1 617 1 788 3 971 6 417	617 699 2 016 3 412	641 769 1 200 2 132
Gasoline end gasohol	1987 1982 \$1,000, 1987 1982	1 111 1 359 1 110 2 145	995 1 240 1 451 2 429	791 1 018 1 022 1 864	1 417 1 804 2 144 4 229	840 1 025 854 1 591	1 474 1 669 1 442 2 374	512 638 597 1 038	570 722 521 1 011
Diesel fuel	1987_ 1982_ \$1,000, 1987_ 1982_	925 994 1 476 2 052	719 850 1 356 2 028	746 890 1 712 2 276	1 472 1 578 3 322 4 858	644 678 929 1 333	1 068 988 1 558 2 174	463 559 903 1 399	324 400 464 755
Natural gas	farms, 1987 1982 \$1,000, 1987 1982	51 41 52 42	63 35 48 47	54 27 95 48	127 36 180 59	33 39 37 59	79 58 64 143	24 23 34 21	15 3 17 (D)
LP gas, fuel oil, kerosene, motor oil, greese, atc.		1 108 (NA) 857 1 484	954 (NA) 959 1 646	860 (NA) 945 1 643	1 571 (NA) 1 498 3 382	740 (NA) 387 1 032	1 379 (NA) 907 1 728	543 (NA) 483 955	500 (NA) 197 (D)
Electricity	1982 \$1,000, 1987	1 175 1 155 1 363	1 032 1 129 1 535	866 1 000 1 160	1 520 1 693 2 280	851 855 873	1 401 1 443 1 601	555 523 555 638	558 543 378 500
Hirad farm labor	1982 1987 1982 \$1,000, 1987 1982	1 258 557 524 3 196 2 390	1 470 497 524 3 182 2 424	1 280 439 405 2 661 1 587	2 495 1 006 861 5 156 3 952	734 309 339 1 689 1 497	1 524 674 651 4 045 2 609	230 264 1 757 1 131	244 210 653 332
Contract labor	farms, 1987 1982 \$1,000, 1987 1982	93 67 200 466	95 42 182 87	25	120 80 255 121	78 31 89 86	131 65 350 157	36 14 108 96	32 10 22 21 563
Repair and maintenance Customwork, mechine hire, and rental of machinery and equipment?	farms, 1987 \$1,000, 1987	1 162 4 530 735	989 5 101 719	904 4 271	1 541 8 157 943	872 2 951 410	1 432 5 060 914	553 2 354 279	563 1 626 354
тасппету ато едортате	1982_ \$1,000, 1987_ 1982_	754 754 1 557 1 355	775 1 852 1 597	472	819 2 255 1 873	493 675 812	883 2 072 1 863	363 840 879	320 598 509
Interest paid ³	farms, 1987 1982 \$1,000, 1987 1982	777 974 6 201 9 749	717 893 8 121 12 404	5 762	1 134 1 354 11 924 20 739	533 572 4 238 5 817	901 1 015 8 121 10 875	396 490 4 005 6 348	373 413 2 055 4 127
Interest paid on dabt: Secured by real astata	farms, 1987 \$1,000, 1987	496 4 027	414 4 901	467 4 000	727 8 675	413 3 103	714 5 870	243 2 955 259	251 1 475 215
Not secured by real estate	\$1,000, 1987	483 2 174	453 3 220	1 762	720 3 250	275 1 135	432 2 251	1 051	580 179
Cash rent Property taxes paid All other farm production expensas	\$1,000, 1987 farms, 1987 \$1,000, 1987	423 4 264 1 198 3 204 1 282		901 2 821	991 13 687 1 328 3 648 1 677	248 2 245 940 2 330 929	604 6 851 1 427 3 963 1 602	258 2 755 505 1 651 617	1 186 584 1 098 645
All other lann production expenses	\$1,000, 1987	5 070	6 209			3 365	5 801	2 657	1 917

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Dete are besed on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Dete are besed an a scripte or farms. Tor incoming or debroti								
ltem	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total farm production expenses	1 234	1 059	1 193	1 131	1 072	641	939	853
	99 059	44 124	80 835	45 506	67 296	37 000	72 394	55 454
	80 275	41 666	67 758	40 235	62 776	57 722	77 097	65 011
Livestock and poultry purchasedfarms, 1987_	767	455	603	417	438	206	512	311
1982_	834	489	679	573	483	313	501	385
\$1,000, 1987_	33 013	4 680	18 528	5 734	11 583	8 069	14 561	12 163
1982_	35 397	8 031	18 278	7 598	10 605	11 749	14 092	14 438
Feed for livestock and poultryfarms, 1987	872	696	836	663	589	279	642	399
	1 032	830	955	780	746	428	669	522
	18 788	9 621	15 660	7 637	8 450	4 481	14 608	4 751
1982_	20 880	7 051	19 733	10 742	10 917	5 763	13 583	6 670
Commercially mixed formula feedsfarms, 1987_	497	377	443	396	272	134	417	169
1982_	596	368	464	344	360	176	408	262
\$1,000, 1987_	8 935	6 983	7 097	3 850	2 831	2 669	7 802	1 546
1982_	9 300	3 625	8 064	5 087	4 615	2 164	7 402	3 070
Seeds, bulbs, plants, and treesfarms, 1987	1 106	752	1 053	935	848	593	737	770
	1 254	848	1 087	954	996	569	908	774
	3 507	1 874	3 287	2 640	3 727	2 192	3 003	3 572
	3 369	1 917	3 164	2 373	3 450	2 085	3 394	3 193
Commercial fertilizer ¹	1 017	674	1 023	840	781	551	663	744
	1 081	698	883	761	897	524	792	761
	4 807	2 638	4 882	3 135	4 790	3 246	4 236	5 768
	4 939	3 071	5 054	3 370	6 244	4 294	4 826	6 652
Agricultural chemicals ¹	1 072	725	974	841	873	608	715	743
	1 034	771	991	812	906	531	829	730
	2 947	2 001	3 592	2 361	3 915	2 161	3 243	3 656
	2 991	2 235	3 035	2 242	4 301	2 813	3 424	3 551
Petroleum products	1 192	1 020	1 136	1 075	1 029	607	880	830
	1 368	1 133	1 265	1 205	1 189	666	1 004	926
	3 751	2 017	3 469	2 428	3 428	1 856	3 354	3 124
	5 783	3 746	5 699	4 122	5 743	3 491	5 423	4 638
Gasoline and gasoholfarms, 1987	1 077	865	961	983	945	517	782	740
	1 287	1 085	1 178	1 112	1 092	578	934	885
	1 251	704	1 049	750	1 165	621	1 068	1 069
	2 258	1 618	1 957	1 826	1 902	1 049	1 836	1 714
Diesel fuelfarms, 1987	1 054	614	899	647	796	453	612	607
	1 101	589	903	694	733	461	718	660
	1 727	884	1 550	1 084	1 444	935	1 300	1 659
	2 252	1 202	2 116	1 392	1 985	1 719	1 682	2 216
Natural gasfarms, 1987	64	51	35	60	49	24	46	26
1982	55	43	21	26	24	27	8	30
\$1,000, 1987	65	29	106	93	68	13	59	11
1982	68	29	88	80	92	28	3	63
LP gas, fuel oil, kerosene, motor oil, grease, atc	1 114 (NA) 708 1 205	717 (NA) 399 897	986 (NA) 764 1 539	893 (NA) 501 823	876 (NA) 751 1 764	551 (NA) 286 696	795 (NA) 927 1 901	724 (NA) 386 645
Electricity	1 480	907 857 922 714 412	1 004 1 056 1 858 1 790 496	930 900 1 168 1 083 566	919 999 1 474 1 328 524	499 540 698 (D) 260	833 816 1 314 1 226 427	686 739 986 1 077 435
1982	746	390	479	475	551	240	474	330
\$1,000, 1987	3 008	2 900	3 941	2 949	4 109	1 629	2 864	2 202
1982	2 421	1 163	2 822	1 770	3 182	1 096	1 817	1 535
Contract labor	. 24	81 35 496 34 890	93 40 265 97 1 041	60 59 153 98 974	68 20 124 185 938	32 44 121 92 508	59 37 128 71 850	141 89 315 135 723
Customwork, machine hire, and rental of machinery and equipment ²	782 732 1 216	3 366 503 556 690	4 669 616 613 1 366	3 108 600 522 1 110	4 297 609 606 1 428	2 436 376 327 1 244	4 161 555 512 1 655	3 483 527 455 1 416
1982 Interest paid ³	845 975 6 956	748 704 762 3 558	1 359 763 796 7 013	789 702 688 4 343	1 741 678 765 5 667	1 250 413 497 2 959	1 219 617 711 6 606	1 172 497 622 3 968
1982	. 615	6 919 411 2 587 420	10 804 516 4 401 445	5 601 501 2 864 456	10 590 385 3 616 455	5 278 258 1 891 259	9 385 469 4 758 417	8 840 325 2 387 315
\$1,000, 1987 Cesh rent	2 842	971 314 2 435	2 611 389 4 200	1 479 328 2 697	2 050 382 6 596	1 069 176 1 824	1 848 356 5 554	1 581 267 3 927
Property taxes paid	. 923 1 856 1 233	935 2 000 1 030 4 928	1 019 2 774 1 159 5 333	957 2 153 1 052 3 889	899 2 593 1 047 5 117	543 1 512 606 2 571	840 2 274 888 4 833	726 1 984 822 4 140

Table 3. Farm Production Expenses: 1987 and 1982—Con.

{Data are based on e sample of farms. For meaning of abbreviations and symbols, see introductory text]

(Data are based on a sample of farms. For r	neaning of abbreviati	ions and symbols	, see introductory	text]		Γ			
Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total farm production expenses	\$1,000, 1987	736 24 993 33 958	701 39 898 56 916	900 45 873 50 970	1 233 114 485 92 850	731 52 776 72 197	1 014 52 150 51 430	934 64 467 69 022	1 740 134 679 77 402
Livestock and poultry purchased	1987 1982 \$1,000, 1987 1982	254 367 4 555 6 722	323 354 8 825 10 581	360 452 5 730 8 563	542 671 35 703 41 014	326 388 12 450 18 420	423 508 9 214 13 044	401 371 12 055 13 097	1 044 1 078 42 134 41 027
Feed for livestock and poultry	1982 \$1,000, 1987 1982	506 521 3 782 4 921 212 183 1 497 2 649	507 511 5 121 5 182 235 286 2 294 2 232	506 653 6 003 8 002 265 325 2 357 3 423	689 866 21 665 25 156 324 443 7 121 6 633	418 522 9 134 12 046 167 272 3 194 4 254	643 749 5 991 7 624 282 377 2 174 3 029	472 536 8 905 10 025 220 272 2 268 4 584	1 271 1 437 25 414 28 340 648 667 8 580 9 041
Seeds, bulbs, plants, and trees	1982 \$1,000, 1987 1982	566 545 1 107 771 488 414 1 899 1 537	559 604 2 307 2 121 572 514 3 455 3 253	752 882 2 399 2 547 671 7766 4 109 5 486	1 138 1 178 4 297 3 755 1 016 1 039 6 726 6 142	645 737 2 375 3 031 639 673 3 300 4 302	894 870 4 483 2 519 809 750 3 459 3 659	883 912 3 590 3 956 845 805 5 608 6 310	1 426 1 640 4 810 5 009 1 385 1 418 7 086 8 608
Agricultural chemicals ¹	\$1,000, 1987 1982	545 432 1 042 765 727 761 1 461 1 758	569 532 2 232 2 518 679 769 2 334 3 816	714 797 2 716 3 000 888 995 2 478 4 528	1 084 1 095 3 739 3 761 1 210 1 337 4 260 5 791	664 628 2 251 2 596 706 833 2 454 5 093	880 729 2 524 2 354 954 1 041 2 361 4 076	860 773 3 529 3 650 914 1 015 3 409 6 018	1 456 1 441 4 484 4 630 1 655 1 874 4 976 9 116
Gesoline and gesohol	1982 \$1,000, 1987 1982	594 723 704 750 481 400 538 694	552 671 728 1 318 468 519 990 1 436	769 920 780 1 584 570 679 990 1 668	1 039 1 262 1 382 1 990 977 1 027 1 991 2 273	617 777 806 1 661 555 653 1 127 2 103	829 964 935 1 453 686 790 1 095 1 960	805 949 1 118 1 759 782 809 1 624 2 643	1 483 1 759 1 915 3 516 1 195 1 372 2 063 3 468
Naturel ges	\$1,000, 1987 1982	9 45 (D) 24	73 30 203 170	63 56 65 57	35 50 40 104	24 18 40 46	19 6 28 2	66 35 80 74	103 42 69 49
LP ges, fuel oil, kerosene, motor oil, grease, etc.	1987 1982 \$1,000, 1987 1982	570 (NA) (D) 290	612 (NA) 414 893	738 (NA) 643 1 218	1 009 (NA) 848 1 424	628 (NA) 481 1 282	844 (NA) 303 661	820 (NA) 588 1 542	1 454 (NA) 930 2 083
Electricity	1982 \$1,000, 1987 1982	586 554 412 410 278 201 810 484	613 622 829 759 241 260 1 946 1 378	756 809 922 1 031 291 362 2 326 2 394	1 063 1 087 1 923 1 613 638 666 3 489 2 819	624 696 907 983 347 325 1 731 1 235	884 891 949 1 047 465 326 4 783 3 997	835 866 1 168 1 205 531 569 2 630 2 521	1 513 1 551 2 429 2 589 871 901 3 807 3 057
Contract lebor	1982 \$1,000, 1987 1982 farms, 1987	18 4 33 (D) 616	44 5 109 19 631	32 24 48 52 752	67 15 496 13 1 028	35 39 104 54 650	52 11 105 8 899	108 29 219 153 886	183 84 398 127 1 515
Customwork, machine hire, end rental of machinery and equipment ²	\$1,000, 1987 farms, 1987 1982 \$1,000, 1987 1982	1 574 303 371 557 483	2 748 428 400 991 905	2 891 405 469 1 044 867	5 068 756 739 1 581 1 470	3 163 395 356 1 104 656	3 038 640 538 1 550 1 130	4 234 474 447 1 517 1 219	7 167 1 014 1 068 2 389 2 533
Interest paid ³	farms, 1987 1982 \$1,000, 1987 1982	401 440 2 632 4 254	435 479 2 808 6 763	567 578 5 238 7 622	843 942 8 397 13 569	468 626 3 895 10 959	639 681 4 392 8 473	653 726 6 023 10 769	1 155 1 280 8 381 16 368
Interest paid on debt: Secured by real estate Not secured by real estate	\$1,000, 1987	295 1 841 203 792	242 1 862 287 946	394 3 410 328 1 827	582 5 685 512 2 712	277 2 485 350 1 410	405 2 383 369 2 009	407 4 334 369 1 689	783 5 552 697 2 829
Cash rent Property taxes paid All other farm production expenses	\$1,000, 1987 farms, 1987 \$1,000, 1987	174 1 556 686 1 338 712 2 236	210 1 941 574 1 429 685 2 823	400 4 072 724 2 155 872 3 743	673 7 484 1 014 2 282 1 203 7 373	395 5 016 582 1 237 726 3 654	332 2 433 888 2 194 981 4 675	420 4 752 749 2 327 929 4 499	928 9 363 1 439 2 970 1 701 8 873

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Date are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Data are based on a sample of farms. For	meaning of abbreviati	ons and symbols	, see introductor	y text j	T				
ltem		Pocehontas	Palk	Pottawattamie	Powashiek	Ringgold	Sac	Scott	Shelby
Totel farm production expenses	\$1,000, 1987	987 67 692 68 584	1 001 38 065 38 027	1 651 109 389 66 256	1 047 57 113 54 549	701 28 010 39 957	1 035 97 631 94 329	973 65 076 66 881	1 177 79 578 67 611
Livestock and poultry purchased	farms, 1987 1982 \$1,000, 1987 1982	368 420 12 261 15 467	299 368 2 955 4 626	772 864 27 917 47 497	460 575 8 471 10 562	320 350 4 186 6 223	480 563 28 172 33 949	410 487 12 317 12 641	547 672 19 464 24 235
Feed for livestock and poultry Commercially mixed formula feads	1982 \$1,000, 1987 1982	503 513 11 068 9 632 271	360 592 2 614 4 025 139	1 018 1 226 11 255 18 174 396	679 817 8 142 10 011 276	527 588 4 383 5 170 162	652 809 16 520 22 309 331	588 743 9 236 13 197 379	829 1 006 12 935 14 480
Commercially mixed formula leads	\$1,000, 1987 1982 \$1,000, 1987 1982	245 3 950 4 160	280 1 181 1 930	571 3 767 5 741	425 3 553 5 174	215 1 596 1 597	409 6 043 8 967	402 4 087 7 234	366 333 4 488 4 964
Saeds, bulbs, plants, and traes	1987 1982 \$1,000, 1987 1982	924 1 025 3 738 4 353	757 825 2 961 2 694	1 349 1 549 5 476 5 262	884 989 3 072 2 989	541 644 1 319 1 345	880 1 023 3 486 4 057	794 962 3 267 3 496	1 028 1 169 3 363 3 458
Commercial fertilizer ¹	farms, 1987 1982 \$1,000, 1987 1982	862 921 5 255 6 236	687 732 4 227 3 998	1 247 1 340 7 931 10 219	810 897 4 813 5 724	515 569 2 169 3 128	817 867 5 015 6 889	723 858 4 645 7 412	989 1 048 5 904 6 182
Agricultural chemicals1	1982 \$1,000, 1987 1982	872 953 3 481 4 105	726 761 2 564 2 733	1 318 1 326 6 264 6 139	900 888 3 040 2 919	515 604 1 420 1 669	838 915 3 495 4 044	816 841 3 301 4 190	1 021 998 3 345 2 936
Petroleum products	ferms, 1987 1982 \$1,000, 1987 1982	965 1 105 3 319 6 147	945 1 098 2 202 3 406	1 583 1 828 5 497 9 275	1 020 1 152 3 087 5 302	682 776 1 707 3 243	986 1 132 3 681 6 907	929 1 097 3 319 5 143	1 112 1 317 3 703 5 909
Gasolina and gasohol	1982 \$1,000, 1987 1982	815 994 1 007 1 899	759 993 605 1 081	1 345 1 692 1 679 2 936	892 1 064 1 056 2 044	555 738 609 1 287	913 1 050 1 227 2 502	815 1 014 1 059 1 577	1 033 1 204 1 326 2 061
Diasel fuel	farms, 1987 1982 \$1,000, 1987 1982	806 959 1 557 2 849	566 636 1 114 1 349	1 175 1 255 2 665 4 045	748 806 1 344 1 896	440 490 785 1 251	739 805 1 731 2 871	696 795 1 278 1 979	830 1 031 1 571 2 341
Natural gas	1987 1982 \$1,000, 1987 1982	98 33 96 51	43 30 49 111	76 57 229 137	51 38 58 38	11 5 19 1	49 13 47 31	33 46 90 64	85 39 146 76
LP gas, fuel oil, kerosene, motor oil, greasa, etc.	1987 1982 \$1,000, 1987 1982	899 (NA) 659 1 349	679 (NA) 434 865	1 341 (NA) 925 2 157	905 (NA) 628 1 323	585 (NA) 293 704	884 (NA) 676 1 503	762 (NA) 892 1 522	1 058 (NA) 660 1 431
Electricity	1982 \$1,000, 1987 1982	864 906 1 211 1 249 516	729 780 602 634 368	1 408 1 517 2 183 2 096 680	889 973 1 098 1 281 420	625 650 584 689 207	941 1 013 1 475 1 727 566	809 935 1 133 1 368 360	1 084 1 127 1 737 1 841 599
	1982_ \$1,000, 1987_ 1982_	514 2 176 1 732	421 2 756 1 886	755 5 261 3 340	471 2 452 2 017	339 1 173 1 004	542 5 331 3 031	441 2 375 2 421	526 2 282 2 193
Contract labor	\$1,000, 1987 1982	40 10 109 28 902	112 53 615 47 789	148 74 495 149 1 495	56 34 229 80 928	35 47 108 80 634	102 32 344 97 934	77 20 203 45 847	95 19 171 9 1 087
Customwork, machine hire, and rental of machinery and equipment?	\$1,000, 1987	4 197 492 461 1 016 1 172	2 606 423 529 1 060 946	6 759 750 849 1 945 1 918	4 733 485 514 1 062 992	2 285 311 332 730 488	5 217 582 589 1 935 1 504	3 426 467 530 1 109 947	5 263 681 614 1 278 1 081
Interest paid ³	farms, 1987 1982 \$1,000, 1987 1982	702 836 6 569 12 017	458 632 3 410 6 001	1 042 1 124 9 200 16 425	596 799 5 358 9 331	415 484 2 877 5 765	766 756 7 497 14 723	541 747 7 224 10 376	809 914 5 838 10 735
Interest paid on debt. Secured by real estate Not secured by real estate	farms, 1987 \$1,000, 1987	376 3 963 434 2 606	316 2 460 257 950	657 5 553 697 3 647	392 3 719 378 1 639	240 2 094 255 782	436 4 664 517 2 833	381 5 137 343 2 087	485 3 316 557 2 522
Cash rent	farms, 1987 \$1,000, 1987	427 5 149	262 3 958	619 7 944	418 4 044	242 1 091	465 7 009	473 6 256	585 6 609
Property taxes paid All other farm production expenses	farms, 1987 \$1,000, 1987	732 1 875 962 6 270	866 2 177 931 3 360	1 361 3 564 1 621 7 698	860 2 192 1 032 5 320	571 1 294 684 2 684	828 2 242 1 016 6 213	820 3 122 935 4 142	946 2 472 1 167 5 215

Table 3. Farm Production Expenses: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbravietions and symbols, see introductory text]

Data are based on a sample of farms. For meaning of ac	bravietions and symbols	, see introductory	(text)					
item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Total ferm production axpensesfarms, 19 \$1,000, 19 Average per fermdollars, 19	987 275 493	1 139 73 684 64 692	1 404 80 531 57 358	774 28 872 37 302	694 30 158 43 456	783 25 801 32 952	899 27 999 31 145	1 310 40 075 30 591
\$1,000, 19	82 1 320	363 472 13 361 10 791	607 735 11 351 14 351	302 328 3 591 4 298	282 359 7 814 5 479	244 293 3 002 3 221	354 391 4 480 4 004	496 468 5 877 4 505
\$1,000, 19	982 1 651 987 62 074 982 61 871	523 677 11 417 10 680 279	888 1 078 11 041 13 393 382	479 710 4 523 5 301 224	479 562 5 116 4 386 164	477 629 4 187 4 862 267	524 575 3 934 3 357 256	773 965 6 335 7 461 407
\$1,000, 19	82 821	300 5 597 5 744	406 4 229 5 851	230 1 500 1 593	202 2 451 1 609	262 1 595 2 396	217 1 665 1 611	389 3 002 3 138
\$1,000, 19 19	982 1 745 987 5 781 982 4 972	934 1 048 3 559 3 984	1 240 1 313 4 545 4 290	673 761 1 541 1 506	526 650 1 205 1 232	612 738 1 424 1 448	622 771 1 338 1 742	978 964 2 138 2 258
\$1,000, 19	982 1 512	846 931 5 161 6 353	1 157 1 142 6 764 7 879	580 578 2 305 2 513	487 537 1 858 2 309	593 627 2 494 2 948	560 686 2 380 3 711	814 807 2 798 3 844
\$1,000, 1: 1:	982 1 587 987 5 339 982 4 502	919 962 3 780 4 492	1 165 1 135 4 820 4 710	603 648 1 722 1 497	528 607 1 204 1 415	624 570 1 750 1 887	557 731 1 410 2 212	887 928 2 090 2 904
\$1,000, 1	982 2 095	1 092 1 234 3 428 5 578	1 352 1 501 4 110 7 679	745 887 1 900 3 179	650 766 1 483 2 464	767 877 1 356 2 865	850 959 1 614 2 747	1 185 1 369 2 218 4 082
\$1,000, 19	982 2 000	929 1 121 1 123 1 659	1 201 1 455 1 265 2 571	628 848 729 1 488	564 732 563 941	671 832 593 1 258	686 828 557 882	1 014 1 209 818 1 531
\$1,000, 1	982 1 555	737 825 1 555 2 118	1 009 1 097 1 695 2 585	453 521 839 1 149	448 385 615 660	398 496 522 1 006	455 602 741 1 197	616 683 944 1 584
\$1,000, 1	982 80	61 27 71 78	62 73 124 179	38 11 42 3	33 52 33 393	25 1 13 (D)	18 19 14 7	47 12 52 10
\$1,000, 1	982 (NA)	869 (NA) 680 1 723	1 175 (NA) 1 026 2 344	600 (NA) 290 539	529 (NA) 271 470	607 (NA) 228 (D)	632 (NA) 302 662	889 (NA) 403 957
\$1,000, 1	982 1 897	946 988 1 472 (D)	1 181 1 212 1 596 1 768	586 748 665 792	614 573 (D) 471	591 643 566 611	657 730 457 718	1 021 983 845 1 018
Hired farm laborfarms, 1 1 \$1,000, 1	987 1 212 982 1 057	538 505 4 302 3 460	636 588 3 771 2 902	331 251 1 077 945	260 261 1 178 928	259 265 1 276 995	320 302 1 104 891	444 453 2 246 2 131
\$1,000, 1 1	982 80 987 667 982 172	105 64 140 99	76 57 267 74	56 53 111 68	37 7 (D) 6	42 16 64 26	73 37 134 14	117 72 376 244
Rapair and maintanancefarms, 1 \$1,000, 1 Customwork, machine hire, and rental of machinery and equipment ² farms, 1	987 8 941	1 039 4 803 614 668	1 209 5 435 740 862	698 2 360 444 462	569 1 619 407 445	673 1 962 379 417	706 2 124 382 464	1 070 2 854 537 717
\$1,000, 1 1	987 2 487 982 2 604	1 806 2 079	1 628 1 823	685 795	723 700	615 776	591 653	831 1 163
\$1,000, 1	982 1 475	683 774 6 532 10 942	929 1 036 7 182 14 129	462 529 2 880 5 026	422 491 2 410 5 185	437 526 2 300 6 106	452 553 2 780 4 815	757 847 4 012 8 807
Secured by real estate	987 8 638 987 828	458 4 315 435 2 217	673 5 381 466 1 801	278 1 794 319 1 085	345 1 886 224 524	277 1 541 258 759	308 2 149 263 631	485 2 734 432 1 278
Cash rent	987 14 423 987 1 646	452 5 915 932	596 8 746 1 203	212 1 288 627	189 1 133 613	119 875 708	226 2 013 804	223 1 884 1 139
\$1,000, 1 All other ferm production expenses terms, 1 \$1,000, 1	987 1 985	2 505 1 113 5 503	3 246 1 358 6 028	1 333 737 2 892	1 531 672 2 301	1 551 760 2 380	1 408 832 2 232	2 281 1 261 3 289

Sae footnotas et end of table.

Table 3. Farm Production Expenses: 1987 and 1982-Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

[Data die basse all a sample all all a								
Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses	83 690	742 26 097 35 172	1 235 72 827 58 969	742 44 526 60 008	1 633 86 449 52 939	1 361 98 327 72 246	667 44 64 6 66 936	882 58 845 66 717
Livestock and poultry purchasedfarms, 1987	. 11 576	289 357 4 639 4 722	308 385 5 937 9 097	301 300 4 985 5 009	836 967 15 134 13 148	546 735 30 308 32 928	321 325 6 508 9 627	286 375 7 223 10 700
Feed for livestock and poultryfarms, 1987_ 1982_ \$1,000, 1987_ 1982_	. 22 470	508 599 3 186 4 228	471 557 12 921 14 203	344 487 4 887 5 138	1 300 1 375 16 621 18 810	779 1 017 14 258 16 305	440 511 7 040 6 104	359 505 5 75 8 8 7 50
Commercially mixed formula feedsfarms, 1987_ 1982_ \$1,000, 1987_ 1982_	. 453 . 404 . 12 725	268 256 1 382 2 043	192 274 7 589 9 089	219 240 2 193 1 656	804 880 8 254 9 534	328 450 4 030 6 081	234 216 3 217 2 152	233 200 3 261 3 479
Seeds, bulbs, plants, and treasfarms, 1987	3 255	558 668 1 267	1 084 1 156 4 208	669 720 2 819	1 373 1 516 3 139	1 086 1 233 4 147	571 693 2 446	831 922 4 127
1982_ Commercial fertilizer ¹	907 889 5 143	1 713 524 615 2 137 3 577	4 185 1 028 1 056 5 779 7 687	2 678 634 619 3 752 5 302	3 572 1 332 1 337 4 970 5 688	4 375 1 024 1 125 7 095 9 128	2 885 547 619 3 660 4 679	3 906 784 837 5 422 6 214
Agricultural chemicals'farms, 1987_ 1982_ \$1,000, 1987_ 1982_	. 994 3 567	515 568 1 341 1 668	1 068 1 071 4 734 5 060	663 668 2 771 3 081	1 341 1 269 2 723 2 806	1 087 1 116 4 412 5 246	597 642 2 717 3 679	826 821 4 167 4 148
Petroleum productsfarms, 1987_ 1982_ \$1,000, 1987_ 1982_	1 128 1 230 3 948	716 824 1 619 3 012	1 174 1 357 3 937 6 517	736 825 2 509 5 337	1 558 1 725 4 437 8 084	1 299 1 571 3 767 6 710	644 790 2 432 4 843	875 1 003 3 183 5 552
Gasoline and gasoholfarms, 1987- 1982- \$1,000, 1987- 1982-	1 118	622 736 686 1 306	979 1 226 1 216 2 067	665 784 756 1 468	1 469 1 633 1 610 3 269	1 139 1 497 1 362 2 530	589 727 664 1 367	757 893 871 1 561
Diesel fuelfarms, 1987_ 1982_ \$1,000, 1987_ 1982_	808 874 1 561	452 563 657 1 169	905 1 063 1 912 2 928	550 633 1 063 1 777	1 165 1 172 1 661 2 499	940 1 030 1 800 2 932	514 584 1 019 1 656	705 848 1 639 2 397
Natural gasfarms, 1987_ 1982_ \$1,000, 1987_ 1982_	_ 86 _ 56	15 7 11 5	72 66 63 96	41 19 40 49		54 71 44 49	59 30 82 54	38 51 30 74
LP gas, fuel oil, kerosene, motor oil, grease, etcfarms, 1987_ 1982_ \$1,000, 1987_ 1982_	960 (NA)	556 (NA) 264 532	1 029 (NA) 746 1 426	671 (NA) 650 2 043	1 393 (NA) 1 061 2 177	1 052 (NA) 561 1 199	565 (NA) 666 1 766	815 (NA) 643 1 520
Electricityfarms, 1987_ 1982. \$1,000, 1987_	_ 1 034 _ 1 492	614 634 519	994 1 084 1 463	635 728 862 1 091	1 533	1 119 1 263 1 649 1 955	605 664 700 (D)	788 848 994 (D)
Hired farm laborfarms, 1987_ 1982_ \$1,000, 1987_ 1982_	_ 548 _ 411 _ 4 100	588 259 223 611 839	1 303 611 633 5 006 3 733	394 384 1 321 1 088	816 864 3 481 3 827	722 714 3 151 3 151	350 356 1 332 1 487	500 464 2 628 3 030
Contract laborfarms, 1987	_ 20 _ 161 _ 94	188 23	128 65 169 137	101 48 106 42	225 223	216 65 487 216	60 16 98 40	83 21 132 41
Repair and maintenance	- 5 129 - 618	1 999	1 027 5 065 532	395	6 444 1 085	1 170 5 107 817	606 2 627 416	798 4 099 488
1982. \$1,000, 1987. 1982.	- 527 - 1 271	393 636 761	568 1 019 1 670	946		777 2 124 2 275		460 1 384 1 356
Interest paid ³	- 744 - 6 263	479 2 413	675 856 6 080 12 646	5 585	1 277 7 881	766 907 6 745 13 174	458 605 4 134 7 941	592 688 6 673 11 504
Interest paid on debt: Secured by real estate	_ 4 352 _ 423	269	349 3 935 466 2 145	3 518 383	674	4 206		368 4 544 386 2 129
Cash rent	5 152 919	1 438 678	492 4 814 971 2 644		4 690 1 413	3 143	593 1 641	395 5 758 657 2 091
All other farm production expenses	_ 1 111	711	1 196 9 051		1 592	1 306	639	865 5 205

¹Data for 1987 include cost of custom applications. ²Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals. ³Data for 1982 do not include imputation for item nonresponse.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982

	*1						
	lowa	Adair	Adams	Allamekee	Appanoose	Audubon	Benton
), 1987	105 184 2 146 997	971 20 332	688 11 241	1 061 21 431	891 4 650	851 19 818	1 435 31 532
							21 974
). 1987	2 374 100 31 660	22 269 31 102	12 021 22 596	23 213 29 309	6 660 12 357	21 272 31 892	1 087 34 629 31 857
1987	30 197 227 103 7 521	255 1 937 7 596	156 780 5 001	269 1 782 6 623	352 2 011 5 712	184 1 454 7 901	348 3 097 8 899
1987	75 203 1 153 713 15 341	749 9 184 12 261	478 5 443 11 386	736 8 185 11 121	434 2 900 6 682	658 9 866 14 994	1 063 15 923 14 979
s, 1987	70 106 559 007	705 4 469	432 2 423	671 3 670	371 1 310	612 4 708	1 005 8 018
	71 148 594 706	693 4 715	451 3 020	688 4 515	402 1 590	630 5 158	998 7 905
				:			
), 1987	30 370 132 008 4 347	279 1 219 4 369	207 434 2 095	399 848 2 125	199 360 1 809	282 1 720 6 099	367 1 558 4 245
1982	15 001 16 921	161 176	108	138 169	72 100	124 127	236 277
1982	64 815 8 633 58 000	617 48 282	358 64 108	447 100 338	188 85 159	667 99 928	927 1 153 72 479
, 1987	710 1 876	-	-	65	8	-	15 (D) 92 (D)
	10 156	41	60	88	16	68	(D)
1982	51 178 28 931 1 598 775 1 047 057	467 298 11 363 7 960	265 132 5 840 2 874	416 157 6 394 3 017	177 109 2 586 1 468	470 260 14 463 7 656	727 441 22 596 16 700
). 1987	50 551 1 298 123	463 9 412	259 4 614	412 6 230	174 2 172	454 11 979	709 17 292
), 1987 s, 1987	61 127 14 094 298 747	1 (D) 116 (D)	1 (D) 59 1 208	16 102	34 413	- 136 2 451	240 (D)
), 1987	86 190	-	2 (D)	2 (D)		1 (D)	-
), 1987 s, 1987	70 1 587	- 1 (D)	- 1 (D)	- 3 (D)	- -	- 3 (D)	- 1 (D)
), 1987 1982 5, 1987), 1987 5, 1987), 1987 5, 1987 5, 1987 1982 1982 1982	5, 1987 2046 997 5, 1987 2 146 997 7, 1987 2 374 100 6, 1987 2 374 100 6, 1987 30 197 7, 1987 30 197 7, 1987 7 521 5, 1987 7 521 5, 1987 7 1 148 7, 1987 7 1 148 7, 1987 7 1 148 7, 1987 7 1 148 7, 1987 7 1 148 7, 1987 7 1 148 7, 1987 7 1 148 7, 1987 1 1 150 7, 1987 1 1 150 7, 1987 1 1 150 7, 1987 1 1 150 7, 1987 1 1 150 7, 1987 1 1 150 7, 1987 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5, 1987 2 105 184 977 20 332 1987 1 153 713 9 184 12 261 1987 2 146 997 20 332 1987 1 153 713 9 184 12 261 1987 5 1987 5 1987 1 153 705 11 166 1987 1 153 705 11 166 1987 1 153 705 11 166 1987 1 168 1987 1 16	5, 1987 2 105 184 971 688 3, 1987 2 146 997 20 332 11 241 3, 1987 20 412 20 939 16 338 7, 1987 2 374 100 22 289 12 021 7, 1987 31 660 31 102 22 259 7, 1987 31 660 31 102 22 259 7, 1987 30 197 255 156 7, 1987 7 521 7 596 5 001 5, 1987 7 521 7 596 5 001 5, 1987 7 521 7 596 5 001 5, 1987 7 1 153 713 9 184 5 443 7, 1987 7 1 148 693 7, 1987 7 1 148 693 7, 1987 7 1 148 693 7, 1987 7 1 148 693 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 5001 161 7, 1987 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$, 1987 105 184 971 688 1 061 \$, 1987 2 146 997 20 332 11 241 21 431 \$, 1987 2 441 20 999 16 338 20 199 \$, 1987 2 374 100 22 289 12 021 23 213 \$, 1987 30 197 255 156 269 \$, 1987 27 103 1 937 780 1 782 \$, 1987 7 521 7 596 5 001 6 623 \$, 1987 7 521 7 596 5 001 6 623 \$, 1987 7 521 7 596 5 001 6 623 \$, 1987 7 520 7 489 2 423 3 670 \$, 1987 7 50 7 596 7 596 7 596 \$, 1987 7 50 7 596 7 596 \$, 1987 7 50 7 596 7 596 \$, 1987 7 596 7 596 7 596 \$, 1987 7 596 7 596 \$, 1987 7 596 7 596 \$, 1987 7 1 15 341 12 261 11 396 11 121 \$, 1987 7 1 148 693 451 688 \$, 1987 5 94 706 4 715 3 020 4 515 \$, 1987 5 94 706 4 715 3 020 4 515 \$, 1987 1 2 200 1 219 424 424 \$, 1987 1 2 200 1 219 424 \$, 1987 1 2 200 1 219 424 \$, 1987 1 4 347 4 369 2 495 2 125 \$, 1987 6 1 977 896 2 66 307 \$, 1987 6 1 977 896 2 66 307 \$, 1987 6 1 977 896 2 66 307 \$, 1987 6 1 977 896 2 66 307 \$, 1987 7 10 6 55 \$, 1987 1 8 63 48 64 100 \$, 1987 1 8 63 48 64 100 \$, 1987 1 8 76 114 \$, 1987 1 908 715 7 900 2 874 3 017 \$, 1987 1 908 715 7 900 2 874 3 017 \$, 1987 1 908 715 7 900 2 874 3 017 \$, 1987 1 908 715 7 900 2 874 3 017 \$, 1987 1 908 715 7 900 2 874 3 017 \$, 1987 1 908 727 7 900 2 874 3 017 \$, 1987 1 908 727 7 900 2 874 3 017 \$, 1987 1 908 727 7 900 2 874 3 017 \$, 1987 1 0 404 116 59 16 \$, 1987 1 0 404 116 59 16 \$, 1987 1 0 404 116 59 16 \$, 1987 1 0 404 116 59 16 \$, 1987 1 0 404 116 59 16 \$, 1987 1 0 404 116 59 16 \$, 1987 1 0 404 116 59 16 \$, 1987 1 0 404 116	5, 1987 2 105 184	5, 1987 105 184 971 1688 1 061 891 891 851 187 2 146 997 20 332 11 241 21 431 4 650 19 818 20 199 5 219 23 288 1, 1987 2 374 100 22 289 12 021 23 23 31 66 660 21 272 23 31 680 31 100 23 289 12 021 23 23 31 6 6 660 21 272 23 1892 1, 1987 2 17 52 100 1 937 7 521 7 526 7 526 7 526 7 527 7 527 7 527 7 528 1 13 1 13 1 12 1 1 1 1 1 1 1 1 1 1 1 1 1

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of ebbrevietions and symbols, see introductory text]				-	<u> </u>		
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Celhoun
NET CASH RETURN							
Net cash return from agricultural sales for the farm unit (see text)!	1 271	1 029	1 140	1 331	1 097	1 294	992
\$1,000, 1987 Average per farmdollars, 1987	20 438 16 080	25 215 24 504	14 472 12 695	23 455 17 622	30 593 27 888	21 266 16 434	33 993 34 267
Farms with net geins ² number, 1987 \$1,000, 1987	879 23 165	802 27 351	746 17 194	964 26 172	910 34 474	902 24 336	890 34 736
Average per farmdollers, 1987	26 354	34 103	23 048	27 150	37 883	26 980	39 029
Ferms with net lossesnumbar, 1987	392 2 728 6 958	227 2 136 9 409	394 2 721 6 907	367 2 718 7 405	187 3 881 20 755	392 3 070 7 831	102 743 7 281
GOVERNMENT PAYMENTS							
otal received farms, 1987 \$1,000, 1987	862 14 338	742 13 219	725 10 534	916 17 610	888 14 473	924 14 664	827 12 766
Average per farmdollars, 1987	16 633	17 816	14 529	19 225	16 298	15 870	15 436
Amount received in cash farms, 1987 \$1,000, 1987	813 7 058	711 6 436	673 5 409	866 8 873	853 7 037	866 7 035	776 6 306
Valua of commodity certificates received farms, 1987 \$1,000, 1987	823 7 280	719 6 783	692 5 125	886 8 737	827 7 435	884 7 629	783 6 460
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses1 farms, 1987 \$1,000, 1987	480 2 021	281 925	373 1 235	408 1 713	277 2 404	306 1 249	235 1 00 1
Average per farmdollars, 1987	4 211	3 291	3 310	4 200	8 677	4 082	4 260
Customwork and other agricultural services 1987 1982 1982	263 198	119 177	144 200	176 195	112 232	183 227	175 212
\$1,000, 1987 1982	993 878	390 699	435 720	467 602	524 903	629 749	574 823
Rental of farmlend farms, 1987 \$1,000, 1987	127 883	73 479	125 684	168 1 176	86 1 553	66 569	34 366
Sales of forest products and Christmas traes farms, 1987	_	_	9	1	1	1	1
\$1,000, 1987 Other farm-related income sources farms, 1987 \$1,000, 1987	206 145	139 56	57 141 59	(D) 119 (D)	(D) 151 (D)	(D) 91 (D)	(D) 66 (D)
COMMODITY CREDIT CORPORATION LOANS							
Fotal farms, 1987	662	521	535	671	658	696	600 414
1982 \$1,000, 1987 1982	355 23 235 16 357	322 18 941 12 864	312 16 353 11 156	399 23 002 16 743	357 18 807 11 744	421 20 072 14 593	19 087 12 418
Com	655 19 125	516 15 026	530 14 077	668 20 706	650 14 941	691 16 692	595 14 168
Wheatfarms, 1987 \$1,000, 1987	-	(D)	-	-	1 (D)	-	-
Soybeans farms, 1987 \$1,000, 1987	182 (D)	154 (D)	145 2 275	125 2 297	180 3 753	196 (D)	222 (D)
Sorghum, barley, and oatsfarms, 1987 \$1,000, 1987	1 (D)	-	-	-	1 (D)	1 (D)	2 (D)
Cotton farms, 1987 \$1,000, 1987	-	-	-	-	12	-	_
Paanuts, rye, rice, tobacco, and honey farms, 1987_ \$1,000, 1987_	(D)	-		-[1 (D)	-	

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

the magning of approvalence and symbols, sad mireductory text							
ltam	Carroll	Cass	Cadar	Carro Gordo	Cherokaa	Chickasaw	Clarke
NET CASH RETURN							
Nat cash raturn from agricultural sales for tha farm unit (saa taxt) ¹	1 321 44 532	942 18 930	1 170 18 667	929 20 195	1 091 29 114	1 054 15 520	697 5 034
Averege per fermdollers, 1987	33 711	20 096	15 954	21 739	26 685	14 725	7 223
Farms with nat geins?	1 090 47 053 43 168	715 20 807 29 101	857 22 305 26 027	631 22 668 35 924	826 31 913 38 636	634 18 662 29 435	388 6 358 16 386
Farms with nat lossasnumbar, 1987 \$1,000, 1987 Average per farmdollars, 1987	231 2 521 10 912	227 1 877 8 267	313 3 639 11 625	298 2 473 8 297	265 2 800 10 566	420 3 142 7 480	309 1 323 4 283
GOVERNMENT PAYMENTS							
Total recaived farms, 1987	999 12 190	739 10 905	875 17 424	713 15 106	852 12 903	790 12 739	441 4 225
Avarege per farmdollars, 1987	12 202	14 757	19 913	21 187	15 144	16 126	9 579
Amount raceived in cash farms, 1987 \$1,000, 1987	940 5 941	5 357	835 8 586	673 7 306	818 6 356	729 5 997	38 2 1 639
Value of commodity cartificates recaived farms, 1987 \$1,000, 1987	946 6 249	687 5 548	838 8 838	679 7 800	824 6 547	751 6 742	412 2 585
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses1 farms, 1987 \$1,000, 1987 Averaga par farmdollars, 1987	412 1 681 4 079	266 1 180 4 435	424 2 467 5 819	272 1 340 4 926	335 1 196 3 570	364 1 246 3 424	113 400 3 542
Customwork and other agricultural sarvicas³ farms, 1987	174 216	168 138	275 195	128 160	140 195	199 146	51 107
\$1,000, 1987 1982 Rentel of fermland farms, 1987 \$1,000, 1987	747 936 94 729	577 518 63 547	948 878 128 1 432	337 733 90 724	654 763 60 431	799 429 65 293	260 366 44 123
Sales of forast products and Christmes trees	1 (D)	7	8 (D) 62	17 182	7 (Z)	- -	8 14 29
Other ferm-releted income sources farms, 1987 \$1,000, 1987	260 (D)	47 45	62 (D)	88 97	180 111	213 155	29 3
COMMODITY CREDIT CORPORATION LOANS							
Total farms, 1987 1982_ \$1,000, 1987_	710 338 18 222	488 280 14 924	629 292 21 484	569 391 25 045	625 333 17 636	603 353 19 643	208 141 3 260
1982	8 338	9 873	15 429	24 166	9 629	13 916	2 960
Corn farms, 1987 \$1,000, 1987	700 14 608	484 12 522	627 19 326	565 19 529	617 13 521	598 16 252	202 2 402
Wheat	1 (D) 207	2 (D) 110	116	212	213	- - 171	- 63
\$1,000, 1987	3 563	(D)	(D)	5 515	4 111	(D)	859
Sorghum, barley, and oats farms, 1987 \$1,000, 1987	(D)	-	1 (D)	-	2 (D)	1 (D)	-
Cotton	-	-	-	-	-	-	-
Peanuts, rya, rica, tobacco, and honey farms, 1987 \$1,000, 1987	1 (D)	-	-	-	(D)	-	-

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

(1 of mooning of operations and symposis see								
Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decetur
NET CASH RETURN								
Net cash return from agricultural sales for the ferm unit (see text) ¹ Averege per farm	\$1,000, 1987	877 25 343 28 897	1 706 39 145 22 946	1 438 18 531 12 887	1 339 22 279 16 639	1 081 20 368 18 842	921 4 698 5 101	715 7 042 9 849
Farms with net gains ² r Averege per farm	\$1,000,1097	687 26 901 39 157	1 231 42 074 34 179	936 23 331 24 927	938 25 286 26 958	641 23 193 36 183	479 7 534 15 728	424 8 658 20 421
Farms with net lossesr Averege per farm	¢1 000 1097	190 1 558 8 198	475 2 929 6 166	502 4 800 9 562	401 3 007 7 500	440 2 825 6 420	442 2 836 6 416	291 1 617 5 555
GOVERNMENT PAYMENTS								
Total received	\$1,000,1087	712 12 357 17 355	1 177 16 122 13 697	1 037 19 538 18 840	989 13 345 13 493	720 12 195 16 938	457 4 874 10 664	382 3 490 9 136
Amount received in cash	farms, 1987 \$1,000, 1987	667 6 021	1 076 7 658	986 9 577	933 6 371	658 5 902	398 1 936	313 1 485
Value of commodity certificates received	farms, 1987 \$1,000, 1987	680 6 336	1 122 8 464	983 9 960	934 6 974	685 6 293	413 2 937	351 2 005
OTHER FARM-RELATED INCOME								
Gross before taxes end expenses¹	\$1,000, 1987	206 1 352 6 564	691 2 385 3 452	447 2 324 5 199	409 2 447 5 984	210 1 327 6 318	220 591 2 689	148 315 2 126
	1982 \$1,000, 1987 1982	101 173 570 835	258 227 1 164 703	229 230 881 1 127	192 252 682 1 107	117 178 986 881	106 121 325 299	88 97 190 316
	\$1,000, 1987	62 664	162 673	147 1 334	184 1 706	82 304	85 246	56 119
Other ferm-related income sources	\$1,000, 1987	8 64 72 54	81 269 320 279	10 16 121 94	126 59	1 (D) 31 (D)	27 9 27 11	1 (D) 13 (D)
COMMODITY CREDIT CORPORATION LOANS								
Total	ferms, 1987 1982 \$1,000, 1987 1982	538 359 18 769 14 097	687 204 15 137 4 861	728 341 21 446 11 983	695 446 20 943 12 343	468 260 18 435 11 573	207 175 3 473 4 085	177 113 3 859 3 038
WheatSoybeans	farms, 1987 \$1,000, 1987 farms, 1987 \$1,000, 1987 farms, 1987 \$1,000, 1987	525 13 549 - 205 (D)	686 14 884 - 24 253	724 18 693 - - 154 (D)	(D) 213	463 14 779 1 (D) 140 3 493	202 2 955 3 3 35 515	169 2 802 1 (D) 52 1 048
Sorghum, barley, and oets	ferms, 1987 \$1,000, 1987 ferms, 1987 \$1,000, 1987	-	- - -	- - - -	5 (D) - -	- - - - 4	-	2 (D) - -
Peanuts, rye, rice, tobacco, and honey	\$1,000, 1987	2 (D)	-	(D)		(D)	-	

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbraviations and symbols, se	ee introductory text)			· · · · · · · · · · · · · · · · · · ·					
ltem		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)1	ferms, 1987 \$1,000, 1987	1 452 44 004	752 9 290	593 15 772	1 690 38 169	609 18 853	1 510 31 240	985 18 423	1 012 27 388
Avarage par farm		30 306	12 354	26 597	22 585	30 957	20 689	18 704	27 063
Farms with nat gains ²	# 1 000 1007 I	1 105 46 606 42 177	490 10 734 21 906	475 16 489 34 714	1 246 42 422 34 047	499 19 934 39 948	1 163 34 348 29 534	602 20 986 34 861	817 29 018 35 518
Farms with net losses	\$1,000, 1987	347 2 602 7 498	262 1 444 5 511	118 717 6 076	444 4 253 9 579	110 1 081 9 829	347 3 108 8 957	383 2 563 6 691	195 1 630 8 360
GOVERNMENT PAYMENTS	,					I .			
Total received	farms, 1987 \$1,000, 1987	1 098 17 351	532 7 898	452 7 915	1 012 10 816	500 10 219	1 142 19 445	754 13 770	829 17 566
Averaga par farm		15 803	14 846	17 510	10 688	20 438	17 027	18 263	21 190
Amount received in cash	\$1,000, 1987	1 049 8 943	490 4 003	427 3 776	922 5 877	466 4 961	1 085 9 550	720 6 715	797 8 874
Value of commodity certificates racaivad	farms, 1987 \$1,000, 1987	1 030 8 408	506 3 895	430 4 138	938 4 939	476 5 258	1 063 9 895	719 7 055	788 8 692
OTHER FARM-RELATED INCOME		:							
Gross before taxes and axpenses1	farms, 1987 \$1,000, 1987	457 1 819	159 1 294	239 1 129	386 1 195	197 992	616 2 323	353 2 45 3	276 1 760
Average per farm	dollars, 1987	3 980	8 138	4 722	3 097	5 033	3 771	6 949	6 378
Customwork and other agricultural services ³	1982	247 216	96 116	122 101	134 166	92 106	197 257	152 194	102 197
Rental of farmland	\$1,000, 1987 1982 farms, 1987 \$1,000, 1987	1 019 828 93 686	793 399 34 418	809 361 53 283	672 715 119 370	520 414 36 393	699 878 193 1 323	540 739 124 1 773	576 852 87 940
Sales of forast products and Christmas traes	farme 1097	4	9	_	40	-	18	16	1
Other ferm-related income sources	\$1,000, 1987	5 223 108	9 25 74	103 37	76 180 77	96 79	31 333 270	16 149 125	(D) 114 (D)
COMMODITY CREDIT CORPORATION LOANS									
Total		763	321	340	511	401	804	589	671
	\$1,000, 1987 1982	273 21 466 11 229	204 10 509 8 802	232 11 943 8 245	156 8 046 3 190	283 17 526 11 032	448 25 434 16 906	399 22 228 16 280	27 950 20 830
Corn	\$1,000, 1987	760 20 729	318 8 764	333 8 883	509 7 940	399 12 511	797 22 815	581 16 953	664 22 195
Wheat	farms, 1987 \$1,000, 1987	- 63 733	2 (D) 103 (D)	1 (D) 140 (D)	- 9 (D)	- 177 5 015	1 (D) 146 2 577	1 (D) 223 5 272	243 5 756
Sorghum, barley, and oats	\$1,000, 1987	4 5	- -	-	-	-	2 (D)	1 (D)	:
Cotton Peanuts, rye, rice, tobacco, and honay	\$1,000, 1987 farms, 1987	-	-	- - 1	- 2 (D)	-	- 3 (D)	1 (D)	-
No. of the second secon	\$1,000, 1987	-	-	(D)	(D)		(U)	(0)	

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, se	e introductory text]								
Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
NET CASH RETURN								-	
Nat cash return from agricultural sales for the farm unit (saa text)¹	\$1,000,1987 I	719 20 778 28 898	949 29 930 31 539	1 038 27 179 26 184	960 20 047 20 882	1 026 34 402 33 530	1 053 25 342 24 0 66	1 065 24 668 23 162	1 024 22 165 21 645
Farms with net gains ²	£1 000 1087	562 21 485 38 229	769 31 093 40 433	837 28 442 33 981	653 21 527 32 967	815 36 208 44 426	763 28 084 36 808	763 27 559 36 119	767 24 071 31 383
Farms with net lossesAverega per farm	_ number, 1987 \$1,000, 1987	157 707 4 503	180 1 163 6 462	201 1 263 6 285	307 1 481 4 823	211 1 806 8 558	290 2 742 9 457	302 2 891 9 572	257 1 906 7 416
GOVERNMENT PAYMENTS									
Total raceived	\$1 000 1007 I	540 8 353 15 469	742 12 925 17 420	802 15 724 19 606	692 9 096 13 145	822 15 596 18 973	896 16 525 18 443	819 16 797 20 509	761 11 478 15 082
Amount recaived in cash		498 4 030	707 6 460	763 8 056	631 4 085	781 7 756	856 8 184	789 8 520	696 5 603
Value of commodity certificates received	farms, 1987 \$1,000, 1987	523 4 323	704 6 465	751 7 667	657 5 011	780 7 840	854 8 341	783 8 277	717 5 875
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses¹	\$1 DOD 1087	148 1 114 7 525	268 1 311 4 892	326 1 533 4 701	333 1 657 4 977	388 1 291 3 328	422 1 220 2 890	345 1 826 5 294	210 626 2 980
Customwork and other agricultural sarvicas ³	farms, 1987 1982 \$1,000, 1987	82 127 527	134 195 802 904	204 241 749	177 145 1 184 600	191 169 706 714	149 223 477 746	164 192 747 1 044	80 161 286 675
Rental of farmland	1982 farms, 1987 \$1,000, 1987	617 (66) 585	63 381	1 034 74 679	93 401	93 409	69 550	86 849	64 300
Salas of forest products and Christmas traes Other farm-related income sources	\$1,000, 1987	- 10 2	7 (Z) 163 128	- - 82 105	123 72	- 175 176	279 192	1 (D) 190 (D)	- 81 39
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987 1982 \$1,000, 1987 1982	359 254 13 341 10 507	557 328 20 952 12 937	638 360 24 999 16 193	419 264 11 282 8 045	609 397 23 750 15 841	706 400 27 469 15 580	663 403 27 403 19 738	549 327 20 629 10 729
Com Wheat Soybeans	\$1,000, 1987 farms, 1987 \$1,000, 1987	351 9 764 3 (D) 130 3 526	550 16 118 1 (D) 181 (D)	630 20 009 - 191 (D)	415 9 229 1 (D) 124 (D)	604 18 637 - 205 (D)	700 21 185 - 270 (D)	648 21 444 - 257 5 914	540 16 516 - 167 4 112
Sorghum, barley, and oats	\$1,000, 1987 farms, 1987 \$1,000, 1987	2 (D) - - -	- - - -	1 (D) - - -	1 (D) - - -	- - - 1 (D)	1 (D) - - - -	1 (D) - - 4 (D)	-

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[1 of filedining of abbreviations and symbols, s		-							
ltem		Henry	Howerd	Humboldt	Ida	lowa	Jackson	Jasper	Jeffarson
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)1	farms, 1987_	894	938	754	787	1 057	1 354	1 465	774
Average per farm	\$1,000, 1987_ dollars, 1987_		13 533 14 427	23 636 31 348	17 847 22 677	18 755 17 743	15 346 11 334	31 684 21 627	9 471 12 237
Farms with nat gains ²	\$1,000, 1987	11 186	661 16 232 24 556	640 24 415 38 148	584 19 416 33 246	771 20 854 27 047	841 19 425 23 097	1 004 35 013 34 873	485 11 9 55 24 649
Ferms with net losses			277	114	203	286	513	461	289
Average per farm	\$1,000,1987	3 107	2 699 9 745	779 6 830	1 569 7 727	2 099 7 339	4 079 7 950	3 329 7 221	2 484 8 594
GOVERNMENT PAYMENTS									
Total received	\$1,000,1987	8 531	701 11 301	628 10 709	597 10 030	830 13 537	898 10 044	1 026 15 683	550 6 756
Average per farm			16 122	17 053	16 800	16 310	11 185	15 286	12 283
Amount received in cash	\$1,000, 1987_	605 4 146	647 5 400	604 5 291	561 4 904	783 6 262	837 4 706	963 7 726	518 3 188
Value of commodity certificates received	farms, 1987_ \$1,000, 1987_		661 5 902	604 5 418	574 5 126	791 7 275	855 5 338	959 7 957	513 3 568
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses¹	\$1,000, 1987	. 1 284	292 1 016 3 480	191 853 4 465	240 871 3 630	234 1 483 6 337	278 927 3 334	407 1 507 3 704	184 619 3 366
Customwork and other agricultural sarvices ³			149	120	151	141	130	195	118
Rental of farmland	1982_ \$1,000, 1987_ 1982_ farms, 1987_ \$1,000, 1987_	- 684 - 459 - 84	139 482 673 40 428	136 453 381 52 377	145 444 536 65 417	168 444 656 79 974	157 372 531 129 456	243 719 926 107 601	132 404 392 27 198
Sales of forest products and Christmas	\$1,000, 13072	409	420	377		374	430		150
trees Other farm-related income sources	\$1,000, 1987_	_ 15 _ 66	4 1 178 104	- - 81 24	- - 67 10	7 (D) 65 (D)	8 6 76 92	183 187	1 (D) 46 (D)
COMMODITY CREDIT CORPORATION LOANS									
Total	1982_	_ 240	492 322	466 239	433 236	542 328	520 208	712 366	319 205
	\$1,000, 1987_ 1982_		15 174 12 968	15 761 8 923	12 946 6 576	15 602 11 846	8 630 4 8 09	22 985 11 649	6 975 6 046
Corn	\$1,000, 1987	1 8 115	487 12 224	460 11 892	429 10 896	539 14 327	519 8 394	706 18 677	315 5 733
Wheat	farms, 1987_ \$1,000, 1987_	: :	-	1 (D)	-	-	-	-	1
Soybaans	farms, 1987_ \$1,000, 1987_	_ 89	135 2 941	154 (D)	118 2 049	80 (D)	19 (D)	215 (D)	(D) 81 (D)
Sorghum, barley, and oats	farms, 1987_ \$1,000, 1987_	-	6	-	-	1	-	-	-
Coffon	ferms, 1987_	. -	9 -	-	=	(D)	_	_]
Paanuts, rye, rice, tobacco, and honey	\$1,000, 1987_		-	-	_	-	- 1	-	-

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

Johnson 1 356 20 321 14 996 933 23 319 24 993 423 2 997 7 086	7 1 161 19 341 16 659 787 23 444 29 790 374 4 103 10 971	1 036 25 116 24 243 750 27 085 36 113 286 1 969 6 883	1 717 49 897 29 061 1 468 52 166 35 535 249 2 268 9 109	989 10 578 10 696 544 12 719 23 380 445 2 140	1 688 14 060 8 330 949 18 693 19 698	635 8 709 13 716 414 10 305 24 890	691 3 676 5 319 365 5 759
20 321 14 986 933 23 319 24 993 423 2 997	19 341 16 659 787 23 444 29 790 374 4 103	25 116 24 243 750 27 085 36 113 286 1 969	49 897 29 061 1 468 52 166 35 535 249 2 268	10 578 10 696 544 12 719 23 380	14 060 8 330 949 18 693 19 698	8 709 13 716 414 10 305	3 676 5 319 365 5 759
20 321 14 986 933 23 319 24 993 423 2 997	19 341 16 659 787 23 444 29 790 374 4 103	25 116 24 243 750 27 085 36 113 286 1 969	49 897 29 061 1 468 52 166 35 535 249 2 268	10 578 10 696 544 12 719 23 380	14 060 8 330 949 18 693 19 698	8 709 13 716 414 10 305	3 676 5 319 365 5 759
20 321 14 986 933 23 319 24 993 423 2 997	19 341 16 659 787 23 444 29 790 374 4 103	25 116 24 243 750 27 085 36 113 286 1 969	49 897 29 061 1 468 52 166 35 535 249 2 268	10 578 10 696 544 12 719 23 380	14 060 8 330 949 18 693 19 698	8 709 13 716 414 10 305	3 676 5 319 365 5 759
23 319 24 993 423 2 997	23 444 29 790 374 4 103	27 085 36 113 286 1 969	52 166 35 535 249 2 268	12 719 23 380 445	18 693 19 698	10 305	5 759
24 993 423 2 997	29 790 374 4 103	36 113 286 1 969	35 535 249 2 268	23 380	19 698		
2 997	4 103	1 969	2 268		730		
7 000	10 9/1	6 663	9 109 1		4 633	221 1 595	326 2 084
		l l		4 810	6 269	7 218	6 391
				;			
757 10 473	857 14 493	758 14 008	1 456 26 317	617 5 928	977 12 968	492 8 024	392 3 432
13 835	16 911	18 480	18 075	9 608	13 273	16 310	8 754
710 5 034	793 6 944	701 6 696	1 399 13 115	579 2 866	924 6 259	459 3 960	339 1 480
708 5 439	824 7 549	720 7 312	1 389 13 203	581 3 062	918 6 709	467 4 065	357 1 951
378	411	247	551	256	467	123	109
5 127	3 092	3 345	4 819	4 286	3 702	4 821	460 4 217
185	176	136	249	145	199	70	<u>70</u>
710 750	525 863	503 496	1 353	389	795	251	71 377 212
157 1 046	155 641	92 313	118 943	95 556	166 815	37 266	20 45
29	30	5	1	27	7	_	5
173 41 9	57 116 49	2 49 9	(D) 346 (D)	106 13 46	11 180 107	36 75	5 6 64 32
464	550	511	1 172	277	537	333	203
11 330 7 800	15 918 9 391	15 610 13 142	45 506	6 286	16 019	10 243	121 3 201 2 398
458	545	508	1 166	272	524	332	201 2 656
9 819	14 200	3	1	3	12 943	3	2 656 -
92 (D)	92 1 681	87 1 597	387 9 792	(D) 69 1 158	115 3 004	(D) 92 (D)	43 545
1 (D)	1	-	3	2	9	-	-
(D) -	(D) -		(D) -	(U) -	(U) -	-	-
=	2	-	-	-	3	-	-
	10 473 13 835 710 5 034 708 5 439 378 1 938 5 127 185 210 710 750 1 046 29 173 41 9 173 41 9 464 248 11 330 7 800 458 9 819 9 819 9 819 9 819 9 819 9 819 1 92 (D)	10 473	10 473	10 473	10 473	10 473	10 473

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of appreviations and symbols, see introductory text]								
ltem	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see taxt)¹	1 234	1 059	1 193	1 131	1 072	641	939	853
	34 861	14 948	28 615	15 656	20 347	16 102	20 564	20 431
	28 250	14 115	23 986	13 843	18 980	25 120	21 900	23 952
Ferms with net geins²number, 1987	983	679	895	744	756	508	727	644
	37 057	16 873	31 289	17 710	23 417	16 948	22 427	22 081
	37 698	24 850	34 960	23 804	30 975	33 362	30 848	34 287
Farms with net lossesnumber, 1987	251	380	298	387	316	133	212	209
	2 196	1 925	2 674	2 055	3 070	846	1 863	1 650
	8 750	5 066	8 975	5 309	9 717	6 359	8 786	7 895
GOVERNMENT PAYMENTS								
Total received	924	628	853	662	773	466	699	653
	11 683	6 192	10 940	7 128	16 584	8 160	11 793	11 456
	12 644	9 860	12 825	10 768	21 455	17 511	16 872	17 544
Amount received in cashfarms, 1987	902	583	787	580	729	447	664	813
\$1,000, 1987	5 924	2 780	5 153	3 129	7 6 29	3 860	5 719	5 550
Value of commodity certificates receivedferms, 1987	875	590	807	619	749	443	665	624
\$1,000, 1987	5 759	3 412	5 786	3 999	8 956	4 300	6 075	5 90 6
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses 1farms, 1987	442	279	361	222	255	151	394	236
	2 503	683	1 668	1 068	1 492	930	1 765	1 137
	5 663	2 447	4 622	4 812	5 851	6 160	4 481	4 818
Customwork and other agricultural services 1987 1982 \$1,000, 1987 1982	239	148	188	123	145	91	167	106
	219	153	207	145	198	104	182	147
	1 065	353	693	656	989	847	719	735
	787	417	635	436	895	520	617	659
Rental of farmland(arms, 1987	111	88	83	78	90	31	142	47
	1 232	202	873	390	399	67	875	190
Sales of forest products and Christmas trees	270 206	2 (D) 59 (D)	3 (D) 142 (D)	8 (Z) 36 22	- - 60 104	- - 47 16	10 (D) 171 (D)	8 112 97 100
COMMODITY CREDIT CORPORATION LOANS								
Totalferms, 1987	636	359	515	400	564	308	533	494
1982	310	191	267	199	345	143	330	283
\$1,000, 1987	15 834	7 992	13 621	10 045	22 511	12 322	17 870	19 052
1982	7 467	4 424	7 453	5 195	14 846	6 543	12 855	12 072
Corn farms, 1987 \$1,000, 1987 Wheat lerms, 1987 \$1,000, 1987 Soybeans ferms, 1987 \$1,000, 1987	630 11 892 2 (D) 226 3 853	359 6 540 2 (D) 87 (D)	502 11 215 - 134 (D)	395 7 834 - 109 2 211	557 19 494 - - 142 (D)	301 (D) - - 80 (D)	532 14 731 2 (D) 141 3 134	485 15 680 2 (D) 155 3 360
Sorghum, barley, and oats	- - - 1 (D)	-	(D)	- - - - -	- - - 1 (D)		3 (D) - - -	2 (D) - - 2 (D)

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

Itam				0:5:		_		
NET CASH RETURN	Monroa	Montgomery	Muscatina	O'Brian	Osceola	Paga	Palo Alto	Plymouth
Nat cash return from agricultural sales for the farm unit (see text) ¹	736 4 373	701 15 589	900 9 110	1 233 41 866	731 20 227	· 1 014	934 23 883	1 740 44 346
Average per farmdollars, 1987	5 942	22 238	10 122	33 955	27 670	21 115	25 571	25 486
Farms with net gains ² number, 1987	390 5 961 15 283	506 17 302 34 184	490 12 805 26 132	1 010 43 547 43 116	20 849 34 011	767 22 861 29 806	725 25 729 35 488	1 276 47 531 37 250
Farms with net lossasnumber, 1987 \$1,000, 1987 Avaraga par farmdollars, 1987	346 1 587 4 587	195 1 713 8 785	410 3 695 9 011	223 1 681 7 538	118 622 5 269	247 1 450 5 870	209 1 846 8 832	464 3 186 6 866
GOVERNMENT PAYMENTS								
Total raceived	388 2 901 7 477	547 8 230	606 9 426	987 14 705	588 9 187	728 8 183	787 14 408	1 297 16 686
Amount recaived in cashfarms, 1987	337	15 045 512	15 555 575	14 898	15 623 540	11 240 681	18 308 743	12 865 1 181
\$1,000, 1987 Value of commodity certificates receivedfarms, 1987	1 210	4 007 519	4 554 575	7 229	4 449 565	4 003	6 840 753	8 016
\$1,000, 1987.	1 691	4 222	4 872	7 476	4 737	4 180	7 568	1 244 8 670
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses¹farms, 1987 \$1,000, 1987 Average per farmdollars, 1987	131 264 2 014	209 1 066 5 098	254 1 160 4 566	442 1 812 4 099	263 822 3 125	322 1 202 3 734	333 1 586 4 763	442 2 153 4 871
Customwork and othar agricultural sarvicas ³	75 75 165	107 125 423	118 105 475	168 222 739	103 131 345	231 183 738	133 176 816	257 281 1 133
1982_ Rantal of farmlandfarms, 1987 \$1,000, 1987_	278 38 64	503 88 610	279 112 657	858 126 718	425 61 397	690 108 443	701 52 494	1 123 88 793
Sales of forest products and Christmas treesfarms, 1987 \$1,000, 1987	9 (D)	-	1 (D)	-	-	-	6 3	-
Other farm-related income sourcesfarms, 1987 \$1,000, 1987	(D)	82 33	91 (D)	267 355	201 80	42 21	227 273	198 227
COMMODITY CREDIT CORPORATION LOANS								
Totalfarms, 1987 1982 \$1,000, 1987	152 96 1 830	362 210 11 260	356 175 10 055	758 410 24 135	472 301 16 520	476 233 12 004	621 445 22 666	877 366 21 959
1982 Comfarms, 1887	1 570 144	6 197 352	6 471	12 652 750	12 172 468	5 331	17 253 615	9 732 866
\$1,000, 1987 Wheats1,000, 1987	(D)	8 876 -	8 169 4 3	18 220	11 386	9 511 2 (D)	17 316	17 844 3
Soybeans \$1,000, 1967 \$1,000, 1987	28 (D)	115 (D)	77 1 883	289 (D)	(D) 216 (D)	135 2 491	230 5 351	(D) 228 4 106
Sorghum, barlay, and oatsfarms, 1987 \$1,000, 1987	-	<u>-</u>	-	1 (D)	-	1 (D)	-	4 (D)
Cottonfarms, 1987 \$1,000, 1987 Paanuts, rye, rice, tobacco, and honeyfarms, 1987	- 1	-	-	-	-	-	=	-
\$1,000, 1987	(D)	(D)	-	(D)	-	-	-	

Saa footnotes at and of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[FOI Meaning of appreviations and symbols, see introductory tex	(1)		-				T	
ltem	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shalby
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text) 1	987	1 001	1 651	1 047	701	1 035	973	1 177
\$1,000, 1987_ Average per termdollars, 1987		15 587 15 571	35 496 21 500	22 440 21 433	9 888 14 106	30 925 29 879	14 547 14 951	28 594 24 294
Farms with nat gains2number, 1987	1 28 320	619 17 439	1 198 38 320	771 24 060	519 11 047	828 33 420	663 17 071	891 31 381
		28 173	31 987	31 207	21 286	40 362	25 749	35 220
Farms with net losses	1 4 500	382 1 853 4 850	453 2 824 6 233	276 1 620 5 870	182 1 159 6 367	207 2 495 12 053	310 2 524 8 143	286 2 788 9 747
GOVERNMENT PAYMENTS								
Total raceived	860 14 154	583	1 133	803	498	840	664	906
Average par farmdollars, 1987dollars, 1987	16 458	8 244 14 140	19 074 16 835	11 602 14 448	4 881 9 801	12 338 14 689	12 333 18 574	13 596 15 006
Amount received in cash	807 6 898	519 4 033	1 092 9 598	745 5 403	426 1 9 50	794 6 083	626 6 175	847 6 802
Value of commodity cartificates receivedfarms, 1987 \$1,000, 1987		548 4 211	1 069 9 475	759 6 199	467 2 931	805 6 256	628 6 158	848 6 794
OTHER FARM-RELATED INCOME								
Gross before taxes and expanses1	222	327 9 4 6	465 2 188	269 1 021	204 809	295 1 567	335 1 759	338 1 583
Average per farmdollars, 1987		2 892	4 705	3 795	3 964	5 313	5 250	4 683
Customwork and other agricultural services 1987 1987 1982		121 113	269 249	127 175	105 90	173 192	99 126	164
\$1,000, 1987 1982	517 859	352 354	1 181 920	438 604	283 237	938 712	426 318	191 524 666
Rental of farmlandfarms, 1987 _ \$1,000, 1987 _	40 115	113 452	136 899	106 534	57 445	73 569	122 920	131 986
Salas of forest products and Christmas treesfarms, 1987		16	9	_	-	_	8	8
\$1,000, 1987 Other farm-ralated income sourcesfarms, 1987 \$1,000, 1987	. 87	35 139 107	(D) 144 (D)	61 49	56 80	92 60	21 174 391	8 75 65
COMMODITY CREDIT CORPORATION LOANS								
Totalfarms, 1987	659	379	777	514	233	622	432	738
1982 \$1,000, 1987 1982	20 917	285 15 015 11 804	408 29 399 15 759	303 14 607 11 071	137 4 266 2 761	314 19 035 12 945	162 15 407 6 396	407 20 541 10 651
Cornfarms, 1987	. 16 735	373 11 268	765 24 297	507 11 624	226 3 206	608 14 238	430 14 217	733 18 034
Wheat	. -	1 (D) 134	166	144	66	244	- 68	- 162
\$1,000, 1987_	4 183	3 729	(D)	(D)	1 060	4 762	(Ö)	2 302
Sorghum, barley, and oats	. -	1 (D)	- -	2 (D)	-	4 (D)	=	-
Cotton	. -	- - 3	- 4	-	-	- - 1	- - 1	- 4
\$1,000, 1987		(Ö)	(D)	-	-	(D)	(D)	205

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

For meaning of abbreviations and symbols, see introductory tex	tj	,					_	
ltem	Sioux	Stary	Tama	Taylor	Union	Van Buren	Wapello	Warren
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text) 1	2 014 68 500 34 012	1 139 27 562 24 199	1 404 23 610 16 816	774 10 677 13 795	694 9 815 14 143	783 5 779 7 381	899 6 685 7 436	1 310 12 968 9 899
Farms with net gains ²	1 555 73 443 47 230	787 30 208 38 384	979 27 324 27 911	546 11 642 21 322	487 10 939 22 461	463 7 900 17 063	498 8 511 17 090	800 15 728 19 660
Farms with net losses	459 4 943 10 770	352 2 646 7 517	425 3 714 8 739	228 965 4 233	207 1 124 5 428	320 2 121 6 629	401 1 826 4 552	510 2 759 5 411
GOVERNMENT PAYMENTS	:							
Total received	1 351 18 635 13 794	824 13 577 16 477	1 000 17 056 17 056	519 6 454 12 436	432 4 581 10 603	519 4 982 9 599	438 5 210 11 895	675 6 295 9 326
Amount received in cashtarms, 1987	1 265 9 763	768 6 769	921 8 249	457 2 572	374 1 984	468 2 156	396 2 453	591 2 963
Value of commodity certificates receivedferms, 1987 \$1,000, 1987	1 265 8 873	783 6 808	953 8 807	499 3 882	401 2 596	488 2 826	413 2 756	626 3 332
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses¹farms, 1987 \$1,000, 1987 Average per farmdollars, 1987	687 3 065 4 462	262 1 410 5 381	361 1 985 5 500	175 590 3 372	184 581 3 157	165 445 2 700	159 572 3 600	245 1 082 4 416
Customwork and other agricultural services ³ farms, 1987	382 354 1 853	143 177 963	169 262 536	109 125 435	71 100 275	115 116 196	85 90 323	98 162
1982_ Rental of farmlandfarms, 1987 \$1,000, 1987_	1 536 131 863	978 80 335	1 058 127 1 332	410 40 136	368 71 273	336 38 223	248 52 197	532 458 102 488
Sales of forest products and Christmas trees	344 349	10 2 75 110	138 118	4 3 23 15	10 3 70 30	8 10 26 17	9 (D) 30 (D)	- 76 61
COMMODITY CREDIT CORPORATION LOANS								,
Totalfarms, 1987 1982_ \$1,000, 1987 1982_	935 450 25 223 11 371	614 409 22 136 15 553	718 413 24 282 15 391	317 209 7 717 5 624	249 122 5 204 2 921	268 185 5 109 5 570	227 150 6 450 5 240	357 164 8 351 4 918
Corn	919 20 742 - - 248 4 464	606 16 639 1 (D) 221 5 476	709 20 083 - - 215 4 199	306 5 447 - 115 2 271	243 3 925 1 (D) 78 (D)	258 3 852 - - 72 1 257	226 5 191 - - 61 (D)	352 6 752 - - 85 1 599
Sorghum, barley, and oats	1 (D)	3	1 155	-	1 (D) -	- - - -	(D) - -	
\$1,000, 1987	(D)	(D)	[-] -] = = =

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982-Con.

[For meaning of abbraviations and symbols, see introductory text]	т							
Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text)¹	1 157 24 755	742 6 591	1 235 39 764	742 12 899	1 633 32 486	1 381 25 853	667 9 847	882 27 417
Farms with net gains ² number, 1987	21 396 836	8 883 441	32 198 993	17 385 514	19 893	18 848 910	14 764 427	31 085 703
\$1,000, 1987 Average per farmdollars, 1987	27 388 32 761	8 371 18 983	40 970 41 259	14 887 28 924	36 350 32 254	28 580 31 406	12 130 28 407	29 078 41 360
Farms with net lossesnumber, 1987	321 2 633 8 202	301 1 780 5 913	242 1 206 4 983	228 1 968 8 630	508 3 865 7 838	451 2 927 6 490	240 2 282 9 508	179 1 659 9 289
GOVERNMENT PAYMENTS								
Total received	818 12 382 15 137	517 5 814 11 248	973 15 283 15 707	600 12 347 20 579	1 003 11 982 11 947	922 17 596 19 085	537 11 889 22 140	753 15 522 20 813
Amount received in cashfarms, 1987 \$1,000, 1987	769 6 044	429 2 114	896 7 299	582 6 143	925 5 752	848 8 158	523 5 737	710 7 602
Value of commodity cartificates raceived farms, 1987 \$1,000, 1987	763 6 338	484 3 701	934 7 984	564 6 204	940 6 231	866 9 438	502 6 153	723 7 920
OTHER FARM-RELATED INCOME								
Gross before taxes end expenses1farms, 1987	256 1 786	127 407	392 1 117	266 849	802 1 931	449 2 395 5 335	230 971	303 1 257
Average per farmdollars, 1987 Customwork and other agricultural	6 978	3 202	2 848	3 193	3 207	5 335	4 221	4 148
services ³	143 162 687	73 95 328	238 198 767	110 137	278 255 850	231 211 915	87 135 248	164 174 804
1982 Rental of farmlend	489 106 1 026	417 29 67	949 43 191	264 528 49 424	652 153 660	1 064 148 1 298	498 50 552	862 54 372
Sales of forest products and Christmes treesfarms, 1987	10	11	9	8	20	6	_	1
\$1,000, 1987 Other farm-related income sources	15 36 58	5 27 7	40 147 118	27 178 135	143 312 277	1 200 181	154 171	(D) 148 (D)
COMMODITY CREDIT CORPORATION LOANS								
Totalfarms, 1987	563 275	267 141	742 408	480 369	583 244	604 400	406 328	588 360
\$1,000, 1987 1982	15 928 11 605	5 586 3 298	26 624 15 432	20 126 20 228	11 121 5 331	22 285 16 843	16 831 16 206	25 186 16 857
Cornferms, 1987 \$1,000, 1987	558 13 790	266 4 323	733 19 465	478 15 779	577 10 523	596 18 832	403 13 816	578 19 643
Wheatfarms, 1987_ \$1,000, 1987 Soybeans\$1,000, 1987 \$1,000, 1987	2 (D) 128 (D)	1 (D) 76 (D)	288 (D)	190 4 347	- 35 (D)	1 (D) 141 3 096	138 3 015	194 5 544
Sorghum, barley, and oats	1 (D)	-	<u>-</u>	-	2 (D)	1 (D)	-	Ξ
Cottonfarms, 1987 \$1,000, 1987 Peanuts, rye, rice, tobacco, and honeyfarms, 1987	-	-	1	-		- - 3	-	=
\$1,000, 1987	-	-	(D)	-	-	(D)	-	-

¹Data are based on a sample of farms.

²Ferms with total production expenses equal to merket value of agricultural products sold are included as farms with gains.

³Data for 1987 are based on a sample of farms; data for 1982 are nonsample.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory	text]					· · · · · · · · · · · · · · · · · · ·	
All Ferms	lowe	Adeir	Adems	Allamakee	Appenoose	Audubon	Benton
FARMS AND LAND IN FARMS							
Farmsnumber, 1987		970	688	1 062	891	851	1 434
Land in fermsacres, 1987		1 065 353 365	737 243 607	1 134 321 226	900 244 661	905 268 437	1 585 419 480
1982 Average size of farmacres, 1987 1982	301	355 268 364 334	254 071 354 345	351 756 302 310	236 501 275 263	283 782 315 314	441 810 293 279
Value of land and buildings1:	000 507	044.007					
Average per farmdollars, 1987 1982 Average per acredollars, 1987 1982	471 011 947	244 037 378 361 652 1 102	172 243 297 486 505 926	182 659 330 978 653 1 078	135 171 202 034 466 790	294 253 451 875 880	322 996 589 524 1 125
Approximete land areaacras, 1987. Proportion in fermsparcent, 1987.	35 817 836	364 569 96.9	271 968 89.6	405 356 79.2	318 528 76.8	1 443 284 460 94.4	2 131 459 731 91.2
1987 size of farm: 1 to 9 acresfarms.	7 974	63	50				
10 to 49 acresfarms	23 461	150 67	50 138	61 138	39 88	79 243	105 302
acres. 50 to 69 acresferms.	282 586 2 901	1 785 22	1 223 1 4	1 603 20	103 2 810 41	58 1 322 14	147 4 223 41
acres. 70 to 99 acres farms.	. 6 981	1 326 58	789 46	1 248 50	2 403	774 50	2 363 90
acres. 100 to 139 acresfarms.	7 168	4 710 65	3 757 43	4 094 91	8 610 85	4 082 64	7 358 76
140 to 179 acres	10 506	7 700 104 16 419	4 961 53 8 411	10 581 110 17 356	9 842 75	7 515 82	8 864 146
180 to 219 acres farms.	6 574	51	42	100	11 690 80	12 984 57	23 102 104
220 to 259 acres	7 119	10 020 65	8 320 42	19 828	15 818 55	11 213 53	20 446 111
260 to 499 acres farms. acras.	25 378	15 414 246 89 228	10 068 176 63 603	23 411 329 118 942	12 994 160 58 148	12 661 242 89 244	26 482 356 128 381
500 to 999 acres farms.	15 874	176	147	113	117	122	215
1,000 to 1,999 acresacresacres	3 401	120 328 43 56 266	99 257 30	75 392 35	78 607 30	79 419 25	144 033 41
2,000 acres or morefarms. acres.	323	10 30 019	(D) 2 (D)	(D) 2 (D)	36 270 3 7 381	33 646 5 15 334	(D) 2 (D)
1982 size of farm: 1 to 9 acres farms_	7 910	48	33	56	36	39	102
acres	25 456	104 74	127 54	150 66	97	167 85	367 159
acras_ 50 to 69 acrasfarms_	319 800	1 960 33	1 539 16	1 710 27	3 991	1 848 19	4 089 45
acres		1 935 68	896 35	1 573 57	2 306	1 075 55	2 674
acres 100 to 139 acresfarms	625 653	5 594 57	2 832	4 635 74	7 638 65	4 468 65	82 6 671 95
acres	939 069	6 752 114	6 327	8 784 113	7 486 73	7 723 111	11 165 170
acres	1	18 193 69	9 407	17 827	11 297 83	17 513 56	26 887 104
acres	8 798	13 603 84	9 977 46	21 653 101	16 396 58	11 127 62	20 528 160
acres		19 904 289	10 998 204	24 252 348	13 674 175	14 715 276	38 085 430
acres_	_ 10 701 909	105 473	75 321	124 291	65 034	100 105	155 048
500 to 999 acres	_ 9 849 121 l	187 125 919	108 871	97 523	79 000	73 006	204 132 474
2,000 acres or more	_ 3 529 603	48 842	19 (D) 2	35 (D) 2	21 (D)	21 28 748	33 (D)
acras_		6 990	(D)	(D)	(D)	23 287	(D)
LAND IN FARMS ACCORDING TO USE							
Total cropland ferms, 1987 1982.		897 988	627	987	836	774	1 322
acras, 1987_ 1982_	- 27 290 868 - 27 580 749	297 992 290 532	692 190 603 203 029	1 051 196 344 209 937	844 177 431 168 058	861 236 155 243 688	1 490 376 517 386 963
Harvested cropland farms, 1987_ 1982_	103 644	859 963	587 662	928 1 021	761 794	721 820	1 276 1 434
acres, 1987_ 1982_	20 484 178 24 137 670	196 940 217 307	115 592 142 514	140 120 171 287	94 539 98 079	172 611 207 627	301 315 352 554
Cropland used only for pasture or grazing farms, 1987 1982	_ 41 995	572 627	361 415	551 564	533 469	333 464	516 604
acres, 1987_ 1982_	2 500 266	58 765 61 255	38 995 48 291	28 406 33 767	64 138 57 693	18 839 28 835	21 731 23 406
Other cropland farms, 1987_ 1982_	_ 32 092	567 394	378 297	457 187	326 263	560 276	881 442
acres, 1987_ 1982_	4 523 143	42 287 11 970	36 016 12 224	27 818 4 883	18 754 12 286	44 705 7 226	53 471 11 003
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured farms, 1987_	27 088	274	200	197	104	074	405
and not pastured	_ 11 352	165 16 721	206 129 18 209	197 80 10 534	164 109 10 501	271 99 17 360	405 174 22 432
1982_		4 519	3 481	1 651	3 978	3 360	3 948

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, s	see introductory text]							
All Farms		Black Hewk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARMS AND LAND IN FARMS								
Farms	number 1987	1 269	1 029	1 140	1 332	1 097	1 294	003
	1982	1 352	1 153	1 287	1 403	1 185	1 467	992 1 164
Land in farms	1987	305 516 308 845	336 666 333 139	235 086 250 402	337 126 335 502	358 798 361 120	328 114 336 000	342 160 351 373
Average size of farm	acres, 1987 1982	241 228	327 289	206 195	253 239	327 305	254 229	345 302
Value of land and buildings1;	130211	220	203	155	233	303	229	302
Average per farm		257 109	386 353	250 490	279 290	354 375	236 959	408 094
Average per acre	1982 dollars, 1987	549 013 1 106	622 605 1 134	379 963 1 148	467 054 1 071	613 233 1 102	422 215 925	627 721 1 213
	1982	2 382	2 195	2 024	1 951	1 928	1 887	2 191
Approximate land area Proportion in farms	acres, 1987	366 585 83.3	367 033 91.7	281 100 83.6	366 227 92.1	367 820 97.5	372 345 88.1	365 612 93.6
1987 size of farm:		33.0	•	33.3	52.1	37.3	33.7	33.0
1 to 9 acres	acres	152 536	71 282	116 368	91 286	81 199	129	61
10 to 49 acres	farms	198	125	172	163	65	457 155	168 71
50 to 69 acres	acres farms	5 131 41	3 232 25	4 383 46	4 321 43	1 389	3 632 16	1 742 16
	acres	2 433	1 444	2 649	2 478	643	914	912
70 to 99 acres	acres	123 9 972	78 6 192	81 6 535	118	66	75	64
100 to 139 scres	farms	74	78	130	9 603 160	5 200 47	6 020 92	5 133 46
140 to 179 acres	acres farms	8 616 140	9 076 79	15 241 132	18 787 167	5 550 136	10 868 152	5 440 94
	acres	22 064	12 464	20 891	26 311	21 654	23 951	14 902
180 to 219 acres		69	59	82	74	45	82	50
220 to 259 acres	acres farms	13 765 56	11 547 52	16 219 80	14 600 69	8 937 85	16 225 120	9 77 0 63
260 to 499 acres	acres	13 291 231	12 242 234	18 897 205	16 553 249	20 367 326	28 448 295	15 029 288
	acres	82 747	87 752	73 607	92 441	122 107	107 748	106 886
500 to 999 acres		151	179	78	163	205	155	204
1,000 to 1,999 acres	acres farms	101 953 33	124 468 45	52 537 18	107 909 34	134 288 28	101 538 23	135 092 32
2,000 acres or more	acres farms	(D)	58 978 4	23 759	(D)	(D)	28 313	40 816 3
	acres	(D)	8 989	-	(D)	(D)	-	6 270
1982 size of farm: 1 to 9 acres	formo	154	97	109	00	75	120	70
	acres	154 578	87 313	409	88 306	75 241	139 483	78 260
10 to 49 acres	acres	202 5 154	139 3 634	173 4 496	175 4 647	69 1 725	190 4 628	102 2 396
50 to 69 acres	farms	53	32	47 2 693	57	10	39	19
70 to 99 acres	acres	3 183 136	1 851		3 336 106	541	2 314	1 126
	acres	10 948	72 5 967	142 11 689	8 729	61 4 888	83 6 753	62 4 935
100 to 139 acres	acres	102 12 105	9 727	150 17 477	148 17 350	56 6 421	116 13 634	73 8 559
140 to 179 acres	farms acres	140 22 111	105 16 554	144 22 791	178 28 121	159 25 285	177 28 075	105 16 723
180 to 310 ceres						1		
180 to 219 acres	acres	79 15 578	83 16 473	113 22 206	103 20 311	52 10 405	93 18 160	64 12 829
220 to 259 acres	acres.	79 18 827	53 12 625	85 20 246	91 21 624	114 27 222	148 35 170	82 19 530
260 to 499 acres		245	292	238	308	388	356	372
200 10 400 20103 1111111111111111111111111111111	acres	88 191	107 489	84 164	112 465	142 320	126 819	136 631
500 to 999 acres		135	171	75	118	180	105	179
1,000 to 1,999 acres	acres farms	89 452 22	112 026 32	48 766 9	76 903 28	114 993	69 419 19	113 583 27
	acres	29 088	39 214	(D)	35 250	20 (D)	(D) 2	27 (D)
2,000 acres or more	acres	13 630	7 266	(D)	6 460	(D)	(D)	(D)
LAND IN FARMS ACCORDING TO USE								
Total constant	,							
Total cropland	1982	1 150 1 238	962 1 069	1 027 1 193	1 233	1 014 1 111	1 162 1 330	938 1 101
	acres, 1987 1982	279 149 275 325	302 707 292 241	211 488 218 515	307 384 298 379	330 950 326 123	295 618 296 489	323 346 322 766
Manuacted arealand				1				
Harvested cropland	1982	1 125 1 210	938 1 049	985 1 156	1 198 1 273	996 1 099	1 115 1 290	927 1 082
	acres, 1987 1982	223 324 257 275	245 517 275 122	168 763 201 291	236 312 275 747	264 594 309 121	229 095 273 765	263 491 306 918
Cropland used only for pasture or grazing _		285	210	332	441	199	398	189
cropiand assurbing for pasture or grazing .	1982	323	248	369	431	265	412	293
	acres, 1987 1982	8 393 7 885	7 942 7 923	8 727 9 595	15 077 13 483	8 639 9 940	13 736 12 683	6 381 8 311
Other cropland		783	690	618	825	842	823	753
	1982	352	393	373	382	323	411	327
	acres, 1987 1982	47 432 10 165	49 248 9 196	33 998 7 62 9	55 995 9 149	57 717 7 062	52 787 10 041	53 474 7 537
Cropland in cover crops, legumes, and soil-amprovement grasses, not harvested								
and not pastured	farms, 1987	331	269	288	390	305	331	238
	1982 acres, 1987	131 17 721	151 16 764	158 13 671	151 23 006	112 18 202	148 18 449	13 508
	1982	4 149	3 256	2 716	3 016	1 843	3 546	1 572

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductor	y text]			Υ			
All Farms	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
FARMS AND LAND IN FARMS						-	
Farmsnumber, 196	1 319	942	1 170	929	1 091	1 054	697
198 Land in farmsacres, 198	366 656	1 087 333 083	1 323 345 483	1 045 317 974	1 214 338 708	1 180 276 216	766 229 423
198 Avarage size of farmacres, 198 198	363 436 37 278	345 726 354 318	349 453 295 264	327 445 342 313	340 594 310 281	289 542 262 245	236 759 329 309
Value of land and buildings1:	27 205 200	804 475	202 203				
Average per acredollars, 198	2 469 519	264 475 412 736 753 1 310	338 007 604 251 1 209 2 233	336 269 616 889 1 040 2 010	336 905 448 084 1 028 1 689	228 742 386 711 850	168 690 289 453 489
Approximate land areaacras, 196 Proportion in farmspercent, 196	7 364 787	361 548 92.1	372 691 92.7	364 422 87.3	369 344 91.7	1 560 322 899 85.5	857 275 833 83.2
1987 size of farm: 1 to 9 acresfarm	121	66	100			70	
10 to 49 acres	is 429	66 188	103 270	61 267	86 249	73 253	38 86
50 to 69 acrasfarm	s 2 094	1 996 1 14	98 2 550 22	138 3 002 19	96 2 737 11	105 2 858 35	64 1 831
acre	is 1 057	862	1 344	1 054	637	2 144	20 1 194
70 to 99 acres	9 4 372	59 4 783	76 6 242	52 4 321	60 4 801	94 7 646	53 4 356
100 to 139 acres	s 12 013	49 5 621	7 856	4 389	53 6 220	10 070	51 5 980
acre		13 811	141 22 349	72 11 344	98 15 589	114 17 795	65 10 216
180 to 219 acras farm	s 17 526	57 11 211	76 14 997	37 7 346	68 13 466	79 15 393	44 8 556
220 to 259 acras farm	125 s 29 771	74 17 718	68 16 352	56 (D)	76 18 086	70 16 583	47 11 145
260 to 499 acresfarm acre		80 939	313 114 538	227 (D)	342 125 725	257 92 503	165 59 917
500 to 999 acres farm		176 125 032	179 120 698	186 126 950	170 112 576	118 81 219	117 78 22 6
1,000 to 1,999 acres farm	s 25	47 58 958	27 (D)	39 50 144	31 38 622	20 (D)	29 37 476
2,000 acras or more farm	- is	5 11 964	(D)	5 13 538	-	(D)	10 440
1982 size of farm: 1 to 9 acrasfarm	s 115	72	111	80	94	103	34
acre 10 to 49 acresfarπ	s 351	228 103	312 120	292 142	246 99	352 136	119 79
acre 50 to 69 acrasfarm	s 2 006 s 29	2 437 29	3 309 34	3 379 21	2 622 15	3 788 44	2 073 21
acre 70 to 99 acras farm		1 767	1 967	1 195	828	2 582	1 214
100 to 139 acras	s 5 138	4 830 66	86 6 935 101	58 4 726	66 5 378	87 6 962	53 4 374
acres 140 to 179 acres farm	s 11 643	7 620 92	11 887 162	55 6 552 85	65 7 574 133	107 12 650 132	73 8 460 79
acre		14 505	25 689	13 385	21 312	20 643	12 452
180 to 219 acres farm	s 25 142	68 13 394	102 20 300	63 12 566	95 18 810	94 18 480	43 8 535
220 to 259 acras farm acra		102 24 217	98 23 362	81 19 130	91 21 768	80 18 912	53 12 73 2
260 to 499 acres farm acre		274 99 908	336 120 315	269 98 791	386 139 578	266 93 762	180 66 115
500 to 999 acres farm	1 1	182	141	141	152	98	126
acre 1,000 to 1,999 acresfarm	s 83 969 s 19	122 375 32	94 693 32	92 978 42	100 165 18	65 693 30	81 697
acre 2,000 acres or more farm	s ` i	38 981 6	40 684	54 686 8	22 313 -	37 178 3	22 28 958 3
acra	s (D)	15 464	-	19 765	-	8 540	10 030
LAND IN FARMS ACCORDING TO USE							
Total cropland farms, 198		866	1 067	866	1 009	983	630
acras, 196 198	7 336 646	1 008 291 489 298 951	1 211 303 044 308 667	963 297 124 300 427	1 110 292 532 290 172	1 087 245 999 252 443	716 165 204 173 440
Harvested cropland farms, 198		834 964	1 012 1 172	847 945	979 1 095	953 1 051	586 677
acres, 198 198	7 270 392	213 323 246 427	230 081 281 855	233 423 281 033	230 141 262 179	187 589 232 837	93 996 114 076
Cropland used only for pastura or grazing farms, 198	7 392	433	393	233	350	311	371
198 acras, 198	7 16 027	540 33 588	488 18 002	245 9 480	377 20 636	364 11 898	414 45 143
198 Other cropland farms, 198		39 577	21 274	7 679	21 661	12 040	51 421
Other cropiand	2 305	583 432 44 578	742 264 54 961	641 370 54 221	711 277 41 755	671 348 46 512	330 258 26 065
acres, 196 198 Cropland in covar crops, legumes, and		12 947	5 538	11 715	6 332	7 566	7 943
soil-improvement grasses, not harvested and not pastured farms, 198	7 301	284	337	274	251	273	178
198 acres, 198	2 114 7 14 860	178 17 944	89 22 563	110 18 746	74 13 956	104 16 637	116 12 977
198	2 243	3 935	1 544	2 995	1 614	1 747	3 084

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, se	e introductory text]				, <u>-</u>			
All Farms		Ctay	Cleyton	Clinton	Crewford	Dalles	Devis	Decatur
FARMS AND LAND IN FARMS								·
Farms	number 1987	877	1 705	1 437	1 339	1 081	921	715
Land in farms	1982	1 045 315 558	1 725 450 742	1 570 376 952	1 511 406 895	1 208 328 319	954 266 999	769 278 714
Averege size of farm	1982	347 722 360	447 361 264	398 062 262	426 523 304	346 023 304	278 852 290	300 684 390
Mation of land and buildings.	1982	333	259	254	282	286	292	391
Velue of land and buildings1: Average per ferm	dollers, 1987 1982	368 560 600 418	238 246 372 230	260 515	232 297	361 994	127 889	184 389
Average per acre		1 013 1 805	905 1 401	513 845 980 2 130	347 996 782 1 243	550 247 1 151 1 889	248 128 453 810	293 190 459 787
Approximate land area Proportion in farms	acres, 1987	363 904 86.7	498 252 90.5	444 768 84.8	457 248 89.0	378 092 86.8	322 540 82.8	342 483 81.4
1987 size of farm:						30.0	52.5	01.4
1 to 9 acres	acres	78 204	116 279	115 342	120 292	85 331	44 139	34 88
10 to 49 acres	ecres	1 603	3 190	172 4 070	149 3 636	188 4 889	99 2 836	65 1 744
50 to 69 acres	acres	285	3 087	36 2 125	1 467	2 698	2 460	21 1 269
70 to 99 acres	ecres	48 3 798	107 8 862	95 7 801	69 5 628	97 7 909	94 7 719	60 4 880
100 to 139 acres		35 4 289	144 16 993	115 13 757	66 7 794	73 8 534	89 10 463	57 6 778
140 to 179 acres		89 14 027	194 30 659	143 22 625	134 21 110	79 12 424	88 13 928	63 9 980
180 to 219 acres	farms	41 (D)	174 34 187	115 22 734	77 15 199	52	76	47
220 to 259 ecres		46 (D)	143 33 997	93 22 175	107 25 549	10 255 55 12 984	14 986 59 14 061	9 372 41 9 823
260 to 499 acres		243 90 228	434 152 070	339 121 963	336 123 497	186 67 717	175 62 503	150 56 688
500 to 999 acres	farms	193	194	185	211	161	118	123
1,000 to 1,999 ecres		133 343	128 431 25	122 955 29	141 374 42	111 217	78 738 29	81 824 39
2,000 ecres or more	acres farms acres	(D) 2 (D)	32 772 3 6 215	36 405 -	53 551 3 7 798	66 422 8 22 939	38 078 8 21 088	49 662 15 46 606
1982 size of farm:						İ		
1 to 9 acres	acres	58 182	78 223	128 393	92 258	81 319	32 98	37 145
10 to 49 acres	acres	2 379	3 816	194 4 845	155 3 972	214 5 475	3 049	73 1 925
50 to 69 acres	acres	13 807	2 715	2 085	2 924	2 824	2 467	20 1 170
70 to 99 acres	acres	62 4 992	120 9 944	89 7 149	87 7 007	106 8 656	88 7 171	55 4 427
100 to 139 acres	acres	52 6 161	150 17 957	140 16 757	85 10 024	74 8 542	126 14 796	54 6 535
140 to 179 acres	acres	108 17 007	201 31 707	155 24 531	144 22 840	85 13 430	86 13 570	71 11 370
180 to 219 acres	farms acres	48 9 521	206 40 844	129 25 281	111 21 770	55 10 767	63 12 504	38 7 467
220 to 259 acres		79 18 778	138 32 663	111 26 406	133 31 783	73 17 387	65 15 321	52 12 320
260 to 499 acres	farms	307	445	387	423	250	177	193
500 to 999 ecres	acres	110 975	157 285	139 946	152 899	91 351	63 061	71 948
1,000 to 1,999 acres	acres	187 128 483 36	170 110 206 30	165 107 228 36	198 129 651 31	117 708	130 85 149 39	120 80 701
2,000 acres or more	acres	(D)	(D)	43 441	(D)	53 317 6	49 682	42 54 225 14
2,000 45100 01 11010 111111111111111111111	acres	(D)	(D)	-	(D)	16 247	11 984	48 451
LAND IN FARMS ACCORDING TO USE								
Total croplend		805	1 578	1 319	1 198	987	853 885	647 703
	1982 acres, 1987 1982	978 288 126 311 666	1 605 330 458 312 730	1 438 337 038 349 969	1 413 359 327 367 396	1 110 288 548 294 781	185 649 196 921	177 836 197 832
Harvested cropland		795	1 508	1 256	1 128	947	795	581
	1982 acres, 1987 1982	957 229 226 289 853	1 563 240 158 264 630	1 394 258 502 321 273	1 349 264 366 311 178	1 079 223 550 272 553	847 107 597 136 324	667 97 184 131 493
Croplend used only for pesture or grazing	l l	160	861	466	597	272 555	515	374
	1982 acres, 1987	262 10 047	916 41 152	511 19 967	758 38 964	289 16 097	504 48 429	389 53 263
Other exacts and	1982	13 740	41 222	21 130	43 787	13 652	51 178	58 652
Other cropland	1982	647 299	764 268	880 313	794 460	647 310	356 263	312 182
Cropland in cover crops, legumes, and	acres, 1987 1982	48 853 8 073	49 148 6 878	58 569 7 566	55 997 12 431	48 901 8 576	29 623 9 419	27 389 7 687
soil-improvement grasses, not harvested end not pastured	farms 1987	214	345	393	314	290	198	179
and the pastalog services	1982 acres, 1987	83 12 174	114 20 941	130 25 260	178 18 297	139 17 574	80 15 398	58 14 114
	1982	2 010	2 315	2 874	4 786	3 643	2 588	2 049

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

USE	[For meaning of abbreviations and symbols, see introductory text]								
Femin	All Farms	Delawara	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Land in firm	FARMS AND LAND IN FARMS								
Land in form	Farmsnumber, 1987	1 452	753	593	1 689	609	1 510	985	1.010
Average par of farm 1962 506 ept 24 779 22 677 536 ept 36 412 42 70 70 50 772 42 86 70	1982	1 481	815	652	1 708	714	1 641	1 097	1 168
Value of lated and substages : Average per aller :: Average per	Average size of farmacres, 1987	351 861 244	224 770 280	227 557 356	338 912 198	245 412 374	437 010 279	301 722 301	366 773 342
Average per actor Sole 100 427 131 569 366 360 722 712 407 557 552 887 669 469 472	Value of land and buildings1:					544	200	2/3	314
Average per acre									
Proportion in fames	1982	1 100 2 253	1 712	975 1 731	1 135 1 805	1 036 2 068	906 1 708	947 1 992	1 080 2 219
1867 sign of farm	Proportion in farms percent, 1987								
10 to 46 acres		105	56	47	120	20	110	07	
Solid page acres	acres	261 97	220 93	122 56	285 185	106 53	363 116	224 131	277 68
To 109 sacres same 82 4 50 79 1 22 1 1 1 1 1 1 1	50 to 69 acres farms	32	38	11	63	16	36	30	19
100 to 199 acres	70 to 99 acres farms					l l			
140 to 179 acres	100 to 139 acres			4 178	7 568	1 814	8 822	5 778	4 218
Both 219 acrees	acres	15 128 237	7 976	2 290	20 023	1 788	14 636	7 219	6 601
20 to 259 acres screek 29 405 9 000 2 997 44 550 4 762 25 109 10 253 10 325 25 100 10 253 10 325 25 100 10 253 10 325 25 100 10 253 10 325 25 100 10 253 10 325 25 100 10 253 25 100 10 253 25 100 10 253 25 100 10 253 25 100 10 253 25 100 10 253 25 100				7 180	44 301				
200 to 459 acree 1879. 1970 to 199 acree 1879.	acres	29 405	9 090	2 997	44 593				
Section Sect	acres	31 013	10 478	7 682	30 305	7 841	27 653		77
1.000 to 1,999 acres sacres 59 457 62 559 80 972 07 97 652 105 464 110 343 129 898 2200 acres or more same 26 631 29 898 42 73 07 07 07 05 56 63 38 88 44 674 279		120 289	58 583						285 100 557
1.000 to 1,999 acres	acres								
2,000 acres or more starms	acres	22	25	34	9	24	46	31	37
1982 yes of larm: 1 to 9 acres:		-	5	-	1	2	3	4	4
10 to 49 acres 300 252 147 254 80 336 242 332 332 342 332 332 342 332 332 342 332 332 342 332 332 342 332 332 342 332 332 342 332 332 342 332 332 342 332 332 343 346 34		05	70				1		
So to 69 acres Screes 2734 2878 1 407 4 865 1 177 4 750 4 202 2 284 4 845 4 845 1 177 4 750 4 202 2 284 4 845 1 177 4 750 4 202 2 284 4 845 1 177 4 750 4 202 2 284 4 845 1 177 4 750 4 202 2 284 4 845 1 177 4 750 4 202 2 284 4 845 1 177 4 750 4 202 2 284 4 845 1 177 4 750 4 202 2 284 4 845 1 177 4 750 4 202 2 284 4 245 2 398 2 718 1 425 1 100 to 139 acres 6 8 8 8 63 31 116 2 5 116 7 5 62 2 100 to 139 acres 6 9 8 9 478 4 865 1 177 4 750 4 175 1 100 to 139 acres 6 9 8 9 478 4 865 1 177 1 100 to 179 acres 6 9 8 9 77 1 10 945 4 865 1 186 1 166 1 100 1 1	acres	300	252	147	254	83	336	242	312
Acres	acres	2 734	2 878	1 407	4 685	1 177	4 750		2 264
100 to 139 acres									
100 to 199 acres									
140 to 179 acres	100 to 139 acres farms	124	71	27	159	25	133	76	52
180 to 219 acres	140 to 179 acres farms	252	69	69	282	81	186	106	109
20 to 259 acres 30 035 12 619 4 848 48 219 5 571 29 343 12 281 16 133	180 to 219 acres farms				1	1		1	
acres 36 198 10 364 9 806 34 310 8 644 28 149 17 996 24 015 260 to 499 acres tarms 335 177 198 328 253 405 262 377 acres 117 413 63 171 73 748 110 533 92 773 144 476 95 95 31 131 619 500 to 999 acres tarms 127 84 120 84 146 175 142 160 1.000 to 1.999 acres tarms 127 84 120 84 146 175 142 160 1.000 to 1.999 acres tarms 15 20 30 77 11 44 78 93 270 105 368 12 2.000 acres or more tarms 18 310 25 034 (D) (D) 13 368 51 655 (D) 37 174 22 2.000 acres or more tarms 18 310 25 034 (D) (D) 7 010 7 860 (D) 20 070 174 174 174 174 174 174 174 174 174 174	220 to 259 acres farms	30 035	12 619	4 848	48 219	5 571	29 343	12 281	16 113
acres. 117 413 63 171 73 748 110 533 92 773 144 476 95 923 131 619 500 to 999 acres farms. 127					34 310		28 149		
1,000 to 1,999 acres farms 15								262 95 923	
1,000 to 1,999 acres							175		
2,000 acres or more farms.	1,000 to 1,999 acres farms	15	20	30	7	11	41	29	28
LAND IN FARMS ACCORDING TO USE Total cropland	2,000 acres or more farms	18 310	4	1	1	3	3	2	6
Total cropland	acres	-	25 2/2	(U)	(D)	7 010	7 860	(0)	20 070
1982	LAND IN FARMS ACCORDING TO USE								
1982 1 389 735 610 1 593 674 1 536 1 035 1 077	Total croplandfarms, 1987								923
1982	acres, 1987	306 898	173 024	193 330	266 787	211 733	363 025	272 361	1 077 319 360
acres, 1987 242 896 133 157 151 522 206 360 165 963 279 159 215 365 251 619 309 260 Cropland used only for pasture or grazing						553		888	900
Cropland used only for pasture or grazingfarms, 1987	acres, 1987	242 896	133 157	151 322	206 360	165 963	279 159	215 365	251 619
1982								i i	
1982 21 568 10 454 9 887 31 692 8 683 24 224 6 697 11 137 Other cropland	1982	670	218	167	792	157	655	265	241
1982	1982			9 887	31 692		24 224		
acres, 1987 1982 39 995						469 227	890 393		
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	acres, 1987 1982	39 995	27 828	35 145	27 068	40 092	60 780	49 714	60 614
and not pasturedfarms, 1987_	Cropland in cover crops, legumes, and soil-improvement grasses, not harvested						***		
acres, 1987 14 173 12 394 11 308 9 602 9 216 24 150 19 364 18 200	and not pasturedfarms, 1987 1982	100	80	68	95	55	156		82
		14 173	12 394	11 308	9 602	9 216	24 150	19 364	18 200

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

[For meaning of abbreviations and symbols	, see introductory text]								
All Farms		Framont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS AND LAND IN FARMS									
Farms	number 1987	719	948	1 037	960	1 026	1 052	1 085	1 024
Land in farms	1982	771 308 796	1 054 353 283	1 135 319 657	1 105 316 631	1 158 347 353	1 176 347 774	1 208 337 990	1 192 387 190
	1982	306 786 429	359 023 373	320 558 308	326 495 330	358 259 339	351 156 331	355 823 317	408 801 378
Average size of farm	1982	398	341	282	295	309	299	295	343
Value of land and buildings1: Avarage per farm	dollars, 1987	358 252	389 490	386 797	237 917	419 561	378 239	343 083	312 974
Avarage per acre	1982	555 154 815 1 410	642 557 1 037 2 001	637 077 1 227 2 392	372 675 769 1 293	716 290 1 251 2 338	635 868 1 117 2 160	665 576 1 028 2 276	375 598 839 1 143
Approximate land area Proportion in farms		329 504 93.7	365 632 96.6	320 832 99.6	377 760 83.8	368 832 94.2	365 452 95.2	364 230 92.8	446 387 88.7
1987 size of farm: 1 to 9 acres	forms	59	81	108	58	84	64	115	80
10 to 49 acres	acras	145 58	214 85	352 78	154 100	277 75	165 61	318 86	159 98
50 to 69 acras	acras	1 582	2 365	1 863 15	2 728 32	1 950	1 562	2 305	2 661 25
	acras	756	1 416	899	1 880	1 153	578	902	1 459
70 to 99 acras	farms acras	50 4 019	36 2 947	53 4 196	62 5 035	63 5 118	52 4 179	58 4 662	44 3 681
100 to 139 acras		36 4 320	28 3 217	52 6 219	70 8 120	54 6 339	40 4 690	65 7 606	70 8 089
140 to 179 acres		56 8 815	82 12 973	150 23 773	92 14 529	87 13 669	151 23 879	85 13 397	81 12 890
180 to 219 acras	farms	32	53	50	60	63	48	75	53
220 to 259 acres		6 359 30	10 443 45	10 003 106	11 900 50	12 414	9 410	14 842 71	10 262 57
260 to 499 acres	acras farms acras	7 134 151 55 889	(D) 252 (D)	25 344 238 86 487	11 892 218 79 706	15 355 287 105 510	17 834 326 119 013	16 913 266 100 033	13 614 252 92 368
500 to 999 acres	į.	162	210	146	176	190	199	192	222
1,000 to 1,999 acras	acras farms	111 539 65	144 362 47	100 722 36	121 340 36	129 742 34	134 663 26	131 504 34	149 944 54
2,000 acres or more	acras farms acras	86 992 7 21 246	59 094 5 12 542	44 427 5 15 372	44 747 6 14 600	44 328 4 11 498	31 801	(D) 2 (D)	69 321 8 22 742
1982 size of farm:									
1 to 9 acres	acres	50 143	89 295	107 365	67 186	87 250	70 225	132 421	66 227
10 to 49 acres	acras	56 1 416	73 1 741	95 2 223	138 3 879	90 2 247	64 1 689	2 365 2 365	117 3 230
50 to 69 acres	farms acras	16 905	18 1 034	17 981	29 1 651	629	634	28 1 560	33 1 939
70 to 99 acres		54 4 362	54 4 409	71 5 605	88 7 139	75 6 023	62 5 000	70 5 669	55 4 504
100 to 139 acres		34	37	64 7 501	77 8 977	69 8 231	5 692	58 6 927	74 8 699
140 to 179 acres	acras farms acras	4 034 59 9 430	4 365 94 14 954	174 27 499	97 15 337	100 15 907	181 28 610	123 19 258	87 13 609
180 to 219 acres	farms	40	70	78	60	80	76	77	77
220 to 259 acres		8 046 45 10 736	13 917 61 14 369	15 476 125 29 801	11 883 73 17 516	15 959 95 22 655	15 069 123 29 233	15 260 106 25 164	15 177 85 20 296
260 to 499 acres		188	322	251	289	336	361	323	319
500 to 999 acres	acras	70 383 178	116 431	89 438	106 683	120 821	129 272 156	116 361	118 512 228
	acres	121 174	135 334	79 913 27	106 295	118 313	103 339	100 545	152 950 46
1,000 to 1,999 acras	acras	59 376 59 5	35 43 398 3	36 386	31 (D) 2	32 (D) 2	25 25 246	46 286	58 730 5
2,000 acres of mora	acras	16 781	8 776	25 370	(D)	(D)	7 147	16 007	10 728
LAND IN FARMS ACCORDING TO USE									
Total cropland		657	868	943	885	959	990	964	954
	1982 acres, 1987 1982	723 268 547 266 574	967 320 413 320 091	1 038 298 268 295 171	1 011 260 062 262 379	1 074 325 528 326 699	1 120 328 038 324 774	1 097 305 339 315 745	1 115 328 917 347 293
Harvested crapland	farms, 1987	636	850	929	830	935	975	944	925
	1982 acras, 1987 1982	706 203 010 221 709	956 258 005 298 927	1 012 243 481 280 478	984 176 254 212 433	1 059 262 514 312 961	1 103 259 372 309 687	1 071 243 566 295 747	1 093 253 868 298 908
Cropland used only for pasture or grazing		271	219	219	397	158	168	202 252	337 520
	1982 acres, 1987 1982	320 18 683 22 726	297 10 302 12 449	283 7 289 8 254	491 38 161 40 038	188 4 966 4 221	233 5 951 6 622	8 240 10 04 0	21 018 37 147
Other cropland		507	680	708	554	803	850	750 378	730 306
	1982 acres, 1987	351 46 854	324 52 106	252 47 498	350 45 647	395 58 048	360 62 715	53 533	396 54 031 11 238
Cropland in cover crops, legumes, and	1982	22 139	8 715	6 439	9 908	9 517	8 465	9 958	11 230
soil-improvement grasses, not harves and not pastured	farms, 1987	299 140	269 126	252 92	276 139	249 93	327 79	242 118	283 124
	1982 acras, 1987 1982	22 034 3 907	17 717 2 490	16 204 1 734	18 480 4 209	16 879 1 836	20 255 1 882	15 328 2 337	15 379 2 718

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

(For meaning of abbreviations and symbols, si	ee introductory text]								
All Farms		Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jefferson
FARMS AND LAND IN FARMS				T TOTAL DO NO.	100	10444	340,3011	Jaspei	Jenerson
Farms	number 1007	200	200						
	1982	893 963	938 1 055	754 848	787 874	1 057 1 150	1 354 1 422	1 465 1 589	775 894
Land in farms	1982	231 617 239 403	269 285 278 861	275 393 275 422	260 103 259 676	329 705 361 465	345 612 347 358	427 196 447 362	234 816 247 992
Average size of farm	acres, 1987 1982	259 249	287 264	365 325	330 297	312 314	255 244	292 282	303 277
Value of land end buildings1: Average per farm	dellere 1007	274 050	200 040	005.000					
•	1982	274 058 428 883	209 318 342 330	395 920 722 805	340 405 441 650	262 675 502 028	188 218 370 878	264 082 447 734	242 323 356 150
Average per acre	1982	979 1 745	737 1 403	1 089 2 181	956 1 587	873 1 560	794 1 477	928 1 683	818 1 367
Approximate land area Proportion in farms		278 988 83.0	302 585 89.0	279 353 98.6	276 416	375 833	408 332	468 012	281 388
1987 size of farm:	i percent, 1907_	03.0	69.0	30.0	94.1	87.7	84.6	91.3	83.4
1 to 9 acres	farms	69 162	64 186	46 135	58 147	64 110	91 207	142 395	41 114
10 to 49 acres	acres_	101 2 626	86 2 026	40 967	69 1 595	100 2 699	154 3 964	207 5 486	82
50 to 69 acres	acres_	49 2 873	15 851	7 423	492	27 1 550	47	43	2 038 36
70 to 99 acres		78	64	34	452	68	2 684 77	2 511 88	2 102 63
100 to 139 acres	acres farms	6 368 67	5 089 54	2 768 29	3 650 31	5 686 89	6 371	7 290 84	5 124 85
140 to 179 acres	acres	8 038 76	6 408 131	3 365 85	3 670 82	10 557 90	13 146 145	9 868 133	9 973 66
	acres	12 054	20 652	13 577	13 021	14 228	22 757	21 134	10 434
180 to 219 acres	acres	51 10 128	69 13 728	39 7 699	43 8 551	83 16 304	120 23 642	76 14 931	47 9 260
220 to 259 acres	acres	55 13 199	87 20 823	54 12 937	62 14 782	96 22 752	98 23 202	65 15 520	39 9 247
260 to 499 acres	acres	211 73 673	221 79 269	90 556	216 78 516	261 95 064	326 115 458	349 129 122	168 60 876
500 to 999 acres		116	114	150	142	147	163	225	118
1,000 to 1,999 acres		77 795 20	75 69 5 31	103 408 25	96 285 29	99 896 26	106 379 20	152 279 52	84 218 27
2,000 acres or more		24 701	(D) 2	31 499 3	(D)	32 537 6	(D) 2	(D)	35 116 3
1982 size of farm:	acres	-	(D)	8 059	(D)	28 322	(D)	(D)	6 314
1 to 9 acres		63	70	51	59	62	91	128	54
10 to 49 acres		221 124	228 102	136 49	165 62	116 123	255 155	356 219	168 104
50 to 69 acres		3 216 48	2 738 22	1 036 8	1 389	3 211 38	4 129 55	5 695 44	2 758 39
70 to 99 acres	acres	2 854	1 264 70	479	609	2 211	3 168	2 530	2 246
100 to 139 acres	acres	7 431	5 706	60 4 823	3 488	70 5 825	6 994	105 8 628	69 5 685
140 to 179 acres	acres	7 315	9 099	38 4 456	6 006	96 11 373	124 14 304	98 11 293	88 10 331
140 10 170 adias	acres	12 079	25 600	102 16 286	98 15 611	18 004	158 24 982	124 19 611	78 12 143
180 to 219 acres	farms acres	62 12 168	74 14 876	44 8 738	48	81	127	96	58
220 to 259 acres	farms acres	68	98	56	9 644	15 960 95	25 171	18 990 94	11 415 62
260 to 499 acres		16 148 249	23 342	13 438 274	17 093 284	22 497	25 761	22 545	14 855
	acres	87 612	89 370	99 002	102 640	285 102 740	351 123 225	409 149 241	193 70 551
500 to 999 acres	farms acres	102 66 788	97 65 442	142 92 473	137 89 053	151 101 009	151 98 350	226	121
1,000 to 1,999 acres		18 23 571	27 33 305	26 924	10 13 978	32 41 993	16	148 583 41	80 742 26 (D) 2
2,000 acres or more	farms	-	7 891	7 631	13 9/6	36 526	(D)	48 177 5	(D) 2
	45.5522		, 031	7 031	-	30 326	(D)	11 713	(D)
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1987	815	877	716	717	985	1 236	1 314	720
	1982 acres, 1987	894 191 238	974 241 273	797 258 581	811 233 599	1 073 287 149	1 278 245 576	1 456 366 582	825 190 468
Harvested cropland	1982 farms 1987	192 677 771	244 599 856	254 509 706	228 033 687	300 084 947	245 878	379 277	196 211
, a. vosiou diopiana	1982	867	959	793	772	1 036	1 160 1 238	1 240 1 403	685 782
	acres, 1987 1982	138 792 170 664	178 288 217 734	214 069 244 570	176 524 201 685	203 549 236 744	164 703 193 184	276 515 324 626	139 236 159 843
Cropland used only for pasture or grazing	farms, 1987 1982	281 331	321 397	83	327	560	700	581	312
	acres, 1987	14 278	14 429	122 2 761	387 19 997	625 39 885	688 47 669	692 33 109	415 20 886
Other cropland	1982 farms 1987	15 575 580	17 636	4 787	20 179 517	45 592	47 539	39 896	27 801
	1982 acres, 1987	234 38 168	611 332	587 221	210	601 426	535 216	864 482	445 288
Cropland in cover crops, legumes, and	1982	6 438	48 556 9 229	41 751 5 152	37 078 6 169	43 715 17 748	33 204 5 155	56 958 14 755	30 346 8 567
soil-improvement grasses, not harvested and not pastured	farme 1007	204	070		200	210			
and not pastered and an arrangement	1982 acres, 1987	291 84	279 123	148 42	200	310 153	188 96	420 182	248 147 15 953
	1982	16 492 1 573	17 691 2 912	7 589 630	11 255 1 366	20 394 4 820	9 947 2 181	25 403 3 897	15 953 3 29 3

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, sae introductory text]		-						
All Farms	Johnson	Jones	Keokuk	Kosauth	Laa	Linn	Louise	Luces
FARMS AND LAND IN FARMS								
Farms number, 1987	1 356	1 161	1 036	1 718	989	1 690	634	690
1982 Land in farmsecras, 1987	1 508 305 634	1 307 322 208	1 193 343 164	1 885 598 153	1 060 266 090	1 810 358 000	699 198 855	769 206 519
1982 Avarage size of farmecres, 1987 1982	328 240 225 218	338 524 278 257	350 693 331 294	811 480 349 324	266 741 269 252	368 525 211 204	208 670 314 299	219 497 289 285
Velua of land end buildings1:							200	200
Avarage per farm	254 265 433 308 1 167	272 757 437 471 977	298 094 416 496 843	405 311 706 001 1 158	226 981 283 376 810	245 298 422 683 1 147	345 395 530 770 1 104	146 104 258 029 468
1982 Approximate land area	2 008 393 049	1 709 368 812	1 413 371 315	2 172 623 321	1 165 334 028	2 108 463 340	1 774 257 305	985 276 793
1987 siza of ferm:	77.8	87.4	92.4	96.1	79.7	76.8	77.3	74.8
1 to 9 ecres farms acras	104 317	78 207	80 256	100 304	47 127	135 485	43 104	30 84
10 to 49 acres	218 5 427	133 3 334	102 2 734	2 080	136 3 609	332 9 146	69 1 906	83 2 526
50 to 69 ecras	51 2 927	1 939	31 (D)	30 1 748	47 2 801	93 5 317	16 966	36 2 073
70 to 99 ecres farmsacras	139 11 495	75 6 227	55 4 427	81 4 917	84 7 003	175 14 355	40 3 216	64 5 345
100 to 139 acres farms	152 17 634	91 10 721	95 11 001	59	83	171	46	51
140 to 179 acresacres	105 16 560	10 721 115 18 223	57 8 031	6 918 218 34 559	9 592 107 16 993	20 097 166 26 259	5 280 39 6 131	5 865 59 9 316
180 to 219 acres farms	90	86	53	85	71	107	42	50
acras 220 to 259 acras ferms	17 853 79	16 847 92	10 500 75	16 820 148	13 970 51	21 099	8 333 57	9 810 54
acres	18 855 256 92 155	22 061 264 92 572	17 559 261 92 219	34 961 584 214 125	12 045 210 75 164	19 260 235 85 216	13 592 154 57 624	12 844 149 53 680
500 to 999 ecras ferms	131	167	175	287	116	160	100	83
1,000 to 1,999 ecras	83 530 30	113 204	(D) 47	190 273 65	77 905 35	107 248 32	66 903 27	57 184 27
2,000 acres or moreacres acres	(D) 1 (D)	30 031 3 6 840	(D) 5 (D)	80 036 4 12 411	(D) 2 (D)	39 143 3 8 375	(D) 1 (D)	38 122 4 9 670
1982 size of farm:								
acras	99 344	67 197	73 201	116 306	54 209	128 514	43 146	34 95
10 to 49 acres farms acres	6 142	3 980 3 980	126 3 616	2 315	156 4 150	377 10 084	81 2 258	95 2 907
50 to 69 acres farms acres	3 226	47 2 756	2 251	1 384	2 611	5 459	1 583	46 2 631
70 to 99 acras farms acres	133 10 904	69 5 665	81 6 691	71 5 756	92 7 563	195 16 211	49 4 015	67 5 410
100 to 139 ecres	181 21 167	109 12 945	92 10 946	69 8 085	91 10 533	175 20 536	47 5 537	65 7 766
140 to 179 acres farms acres	131 20 560	134 21 259	92 14 580	265 41 926	122 18 304	182 28 489	46 7 275	56 8 911
180 to 219 acras farmsacres	107 21 179	122 24 030	81 15 869	125 24 839	69 13 487	101 20 028	50 9 859	61 12 064
220 to 259 acres	98 23 182	107 25 280	104 24 667	199 47 485	59 14 062	91 21 356	57 13 488	54 12 763
260 to 499 ecras ferms ecras	304 106 485	329 116 616	297 106 899	620 221 456	244 86 587	295 105 256	156 56 652	168 61 209
500 to 999 acres farms	124	139	173	247	96	145	121	95
1,000 to 1,999 ecres	80 484 23	84 036 24	114 653 30	161 287 52	64 235 31	97 349 23	80 795 19	65 457 25
2,000 acres or more ferms	27 952	(D)	37 307	65 864	(D)	29 120	(D) 2	32 919 3
acres	6 615	(D)	13 013	30 777	(D)	14 123	(D)	7 365
LAND IN FARMS ACCORDING TO USE								
Totel croplandfarms, 1987	1 239	1 084	945	1 619	914	1 577	592	627
1982 acras, 1987 1982	1 401 265 295 280 130	1 221 265 527 268 064	1 113 281 115 283 795	1 775 563 110 562 987	976 201 475 194 896	1 666 308 295 313 294	652 168 176 172 245	699 147 514 149 995
Harvested croplendferms, 1987	1 178	1 023	892	1 601	882	1 502	571	568
1982_ ecres, 1987_	1 329 198 971	1 176 194 982	1 065 198 455	1 760 459 047	939 149 934	1 614 242 679	630 130 805	656 77 713
1982	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
Croplend used only for pasture or grazingferms, 1987 1982	589 727	514 566	479 575	249 335	374 364	621 570	174 190	387 390
ecres, 1987 1982	27 289 32 947	26 317 28 975	33 364 39 146	8 862 10 006	19 811 21 799	23 793 19 262	8 447 9 730	47 751 45 475
Other croplandfarms, 1987	635	645	608	1 378	558	813	435	285
1982 acres, 1987	327 39 035	251 44 228	375 49 296	568 95 201	227 31 730	307 41 823	228 28 924	235 22 050
Croplend in covar crops, legumes, and	9 281	5 942	14 740	15 442	5 597	7 835	7 670	9 903
soil-improvamant gresses, not hervested end not pasturadfarms, 1987 1982	350 126	302 99	339 146	394 134	228 89	364 141	210 84	152 78
acras, 1987	18 891	17 514	22 778	21 812	9 877	15 357	12 511	10 550
1982	2 551	2 086	3 097	2 609 l	1 811	3 729	2 254	3 362

See footnotes et and of teble.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, sea introductory text]			1	ı	1			
All Farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARMS AND LAND IN FARMS								
Farms number, 1987	1 234	1 059	1 193	1 131	1 073	641	939	854
1982 Land in farmsacras, 1987	1 391 342 938	1 154 293 643	1 265 328 093	1 231 278 315	1 201 330 012	684 245 380	1 011 270 582	854 933 377 030
1982 Averaga size of farmacres, 1987	357 493 278	313 648 277	336 033 275	292 414 247	337 775 308	254 238 383	273 000 288	378 621 441
1982	257	272	266	238	281	372	270	406
Valua of land and buildings*: Avaraga per farm	284 406 418 314	220 540 332 089	291 229 398 498	183 063 309 110	313 765 555 366	278 058 552 778	259 002 468 480	356 706 500 580
Averaga per ecra dollars, 1987 1982_	981 1 633	778 1 138	1 059 1 551	785 1 343	1 041	773 1 431	923	773 1 300
Approximate land area acres, 1987	376 160	360 153	365 715	358 457	366 713	281 100	300 480	446 124
Proportion in farms parcent, 1987 1987 size of farm:	91.2	81.5	89.7	77.9	90.0	87.3	90.0	84.5
1 to 9 acres farms acres	125 327	75 198	95 286	102 316	84 316	37 96	97 267	50 136
10 to 49 acras	84 1 986	159 4 599	124 3 416	177 4 537	130 3 349	90 2 368	90 2 287	52 1 473
50 to 69 acras farms acras	18 1 049	54 3 220	47 2 797	3 227	37 2 102	23 1 392	1 328	24 1 365
70 to 89 acres farms	58 4 739	111 9 005	73 5 924	91 7 204	66	26	49	50
acras acras 100 to 139 acres	4 739 40 4 743	93 10 865	99 11 389	94 10 943	5 318 68 7 884	2 149 47 5 498	54 6 284	4 084 55 6 395
140 to 179 acres farms acras	189 29 938	13 642	103 16 335	110 17 341	89 14 214	39 6 244	85 13 589	69 10 867
180 to 219 acres farms	65	46	80	66	54	28	55	38
220 to 259 acras farms	12 850 105	9 041 60	15 862 79	12 922 52	10 429 79	5 470 36	10 977 78	7 556 56
acres 260 to 499 acras farms	25 068 375	14 574 194	18 609 303	12 312 228	18 814 222	8 618 131	18 377 250	13 314 190
500 to 999 acres tarms	134 392 151	71 010	109 501 163	83 985 128	81 352 188	48 919 139	89 943 134	70 440 177
acres 1,000 to 1,999 acres farms	98 272 24	93 300	108 727 25	87 159 27	128 254 44	97 039 38	89 896	(D) 79
acres 2,000 acres or more farms	29 574	49 914	(D) 2	(D)	(D) 2	49 434	(D)	(D) 14
1982 size of farm:	-	14 275	(D)	(D)	(D)	18 153	(D)	34 285
1 to 9 acras farms	127 352	81 263	87 278	93 323	110 390	40 163	72 241	53 176
10 to 49 acresfarms	90 2 377	187 5 378	135 3 716	200 5 108	147 3 846	100	111	52
50 to 69 acras farms	20 1 178	49 2 886	41 2 391	46 2 684	50 2 832	17	11 659	1 566 25 1 491
70 to 99 acres farms	90	110	74	107	79	42	51	50
100 to 139 acres	7 278 40	9 016 94	5 947 97	8 725 118	6 424 60	3 370 38	4 264 71	4 019 65
acras	4 699 249 39 495	11 291 76 12 020	11 310 131 20 771	13 711 95 15 075	7 163 112 17 708	4 403 46 7 175	8 246 109 17 181	7 585 77 12 244
180 to 219 acres farms	76	62	83	66	79	26	60	49
acras 220 to 259 acras farms	15 084 126	12 072 65	16 311 89	13 067 67	15 529 82	5 183 39	11 978 100	9 684 55
acras	30 136	15 500	20 922	16 046	19 511	9 245	23 872	13 224
260 to 499 acras farms acras	423 150 826	88 629	357 126 337	290 105 572	286 106 572	154 57 032	296 105 141	231 83 336
500 to 999 acres farms acres	135 86 135	144 98 059	149 97 493	128 85 567	157 103 577	132 91 001	111 73 082	205 140 935
1,000 to 1,999 acras	13 (D)	34 44 410	19 21 909	21 26 536	35 44 204	46 60 687	17 (D)	61 78 480
2,000 acras or more	(D)	5 14 124	8 648	-	10 019	12 333	(D)	10 25 881
LAND IN FARMS ACCORDING TO								
USE								
Total croplandfarms, 1987	1 108	962	1 096	1 032	977	603 646	842 934	799 875
1982 acras, 1987 1982	1 261 312 475 318 196	1 031 212 601	1 158 277 151 281 184	1 131 223 313 222 895	1 102 293 898 296 090	218 646 219 717	247 794 243 120	320 615 315 883
Harvested croplandfarms, 1987	1 078	219 533 904	1 052	972	929	577	818	783
1982 acres, 1987	1 239 249 352	993 137 088	1 122 211 100	1 069 154 503	1 060 217 817	623 169 179	913 192 403	859 242 081 282 767
1982	294 295	162 609	237 089	170 985	265 098	194 842	226 560	
Cropland used only for pasture or grazingfarms, 1987 1982	402 468	496 497	415 512	495 546	300 404	222 273	237 263	218 275
acras, 1987 1982	18 827 19 105	43 457 48 021	22 267 28 008	32 517 35 547	14 390 17 937	12 704 14 868	8 132 8 611	18 483 21 377
Other croplandfarms, 1987	788 216	529 343	694 365	548 358	694 419	429 227	618 321	613 304
acres, 1987 1982	44 296 4 796	32 056 8 903	43 784 16 087	36 293 16 363	61 691 13 055	36 763 10 007	47 259 7 949	60 051 11 739
Croptend in cover crops, legumes, and soil-improvement grasses, not harvested								
and not pasturedfarms, 1987 1982	235 71	238 122	348 117	314 154	371 166	230 89	294 121	219 89
acras, 1987 1982	11 490 1 549	13 740 2 843	20 357 2 318	19 142 3 449	29 402 3 931	17 523 2 178	19 734 2 507	17 042 2 119

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]		r						
All Farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Pege	Palo Alto	Plymouth
FARMS AND LAND IN FARMS								
Farms number, 1987	736	701	901	1 232	731	1 015	934	1 740
1982 Lend in fermsacres, 1987	761 225 145	769 247 8 91	1 005 233 026	1 337 362 209	833 230 671	1 057 337 772	1 015 343 857	1 874 521 469
1982 Averege size of fermecres, 1987 1982	222 200 306 292	253 540 354 330	238 127 259 237	362 863 294 271	246 057 316 295	333 108 333 315	345 327 368 340	518 018 300 276
Value of land end buildings1:								
Average per farm dollers, 1987 1982 1982 4 Average per ecre dollars, 1987 1982 1982 1982	138 810 201 585 432 763	236 856 432 464 672 1 373	288 612 460 399 1 145 1 830	362 397 552 892 1 199 2 030	340 338 552 899 1 063 1 820	211 038 340 781 624 1 106	377 878 670 355 1 096 2 124	291 724 454 705 1 047 1 679
Approximete land ereaecres, 1987_ Proportion in farmsparcant, 1987_	277 721 81.1	271 225 91.4	282 643 82.4	367 059 98.7	255 046 90,4	342 572 98.6	359 500 95.6	552 992 94.3
1987 size of farm.			0.5				i	
1 to 9 ecres farms ecres	34 91	39 120	65 203	117 347	63 206	58 153	65 168	133 398
10 to 49 acres	67 1 964 33	63 1 619 21	156 3 823 31	77 1 681	45 1 171 11	99 2 441 27	51 1 211 17	145 3 315 24
ecres 70 to 99 acres	1 923 67	1 236	1 833	573 94	633	1 573	974	1 366
100 to 139 ecres	5 488 79	3 303	67 5 416 69	7 687 54	2 437 2 0	81 6 534 56	3 368 3 38	108 8 671 88
acres	9 187 67	5 581 46	8 086 92	6 396 135	2 377	6 506 85	4 343 97	10 242 198
ecres	10 397	7 236	14 643	21 384	16 688	13 465	15 186	31 426
180 to 219 acres	37 7 235 44	9 836 43	10 310	56 11 158	9 012	10 823	38 7 391 48	89 17 723
220 to 259 acres	10 539 170	10 224 170	53 12 681 168	26 972 377	71 16 860 217	63 14 870 246	11 400 283	148 35 045 504
ecres	63 297	65 063	60 344	138 448	80 595	91 838	104 949	182 209
500 to 999 acres	113 75 299 20	153 103 802 28	121 81 907 26	168 109 677 30	96 65 171 25	210 144 474 34	209 138 307 46	253 165 365 47
acres_ 2,000 acres or more farms	24 972 5	(D) 1	(D)	(D)	(D)	(D)	56 560	58 828 3
ecres 1982 size of farm:	14 753	(D)	(D)	(D)	(D)	(D)	-	6 881
1 to 9 acres farms	28 73	51 170	85 248	121 318	72 244	60 192	47 114	127 366
10 to 49 acres farms acres	74 2 105	80 2 071	169 4 166	63 1 531	39 973	100 2 882	64 1 742	145 3 629
50 to 69 acres farms acres	43 2 561	22 1 219	36 2 112	12 679	220	28 1 666	8 449	36 2 127
70 to 99 acres farms acres	58 4 872	40 3 191	77 6 341	90 7 302	49 3 930	72 5 705	58 4 668	119 9 576
100 to 139 acres	83 9 837	41 4 742	68 7 787	54 6 304	32 3 761	71 8 286	54 6 398	103 12 024
140 to 179 acres farms acres	64 10 195	54 8 423	95 14 979	193 30 563	121 19 255	85 13 333	88 13 772	215 34 238
180 to 219 acras farms acras	49 9 520	50 9 857	54 10 750	72 14 315	51 10 136	62 12 315	59 11 662	117 23 117
220 to 259 acres	62 14 858	47 11 129	57 13 687	166 39 502	71 16 901	60 14 198	80 18 825	194 45 944
260 to 499 acres farmsacres	160 57 017	208 76 949	235 83 675	411 148 172	289 106 141	299 108 753	345 127 932	574 206 012
500 to 999 acras farms	116	155	115	134	85	190	182	210
1,000 to 1,999 acres	75 206 21	106 762 19	75 894 13	87 709 21	56 631 18	126 922 29	122 452 29	137 009 31
2,000 acres or more	25 713 3 10 243	(D) 2 (D)	(D) 1 (D)	26 468	(D) 2 (D)	(D) 1 (D)	(D) 1 (D)	37 473 3 6 503
LAND IN FARMS ACCORDING TO USE								
Total croplandfarms, 1987	686 702	654 717	832 925	1 126 1 210	682 772	951 1 006	876 966	1 595 1 735
acres, 1987 1982	147 087 148 201	217 733 219 876	199 021 196 889	331 555 328 168	215 844 227 200	284 766 281 529	321 339 318 155	465 370 450 782
Harvested croplandfarms, 1987	634	627	801	1 104	676	908	867	1 545
1982 acres, 1987 1982	667 75 582 87 094	689 160 388 181 743	899 153 624 176 723	1 200 269 638 311 705	758 178 191 213 158	961 202 414 221 793	956 251 951 300 211	1 691 359 863 409 614
Cropland used only for pasture or grazingfarms, 1987	404	309	295	223	148	533	162	588
1982 acres, 1987 1982	404 48 735 51 382	376 23 663 29 308	327 14 368 14 889	264 10 037 9 419	214 4 294 6 733	570 44 787 46 194	224 7 446 7 561	696 29 347 33 541
Other croplandfarms, 1987	316	452	509	883	526	599	753	1 170
1982 acres, 1987	222 22 770 9 725	305 33 682	178 31 029	281 51 880	230 33 359 7 309	453 37 565 13 542	367 61 942 10 383	305 76 160 7 627
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested	9 725	8 825	5 2 77	7 044	7 309	13 342	10 363	7 027
and not pasturedfarms, 1987 1982	175 70	265 119	234 57	262 85	153 64	350 208	225 89	422 100
acres, 1987 1982	10 762 2 068	17 344 2 436	12 402 1 058	14 576 1 828	7 749 1 359	20 521 5 079	14 267 2 473	23 777 2 497

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory tex	t]		1					
All Ferms	Pocahontas	Polk	Pottawattamie	Powashiek	Ringgold	Sec	Scott	Shelby
FARMS AND LAND IN FARMS								
Farms number, 1987	987	1 001	1 652	1 047	701	1 035	973	1 177
1982 Land in terms acres, 1987	1 105 349 376	1 110 238 256	1 828 543 881	1 152 335 448	776 285 258	1 146 359 677	1 097 230 461	1 317 351 387
1982 Average size of fermecres, 1987 1982	357 387 354 323	247 261 238 223	555 348 329 304	355 718 320 309	313 971 407 405	359 157 348 313	239 166 237 218	356 831 299 271
Value of land and buildings1:			297 073	289 230		357 000	361 559	277 542
Averege per farmdollers, 1987 1982 Average per acredollers, 1987	402 097 714 013 1 123	314 216 437 065 1 211	438 624 909	508 794 928	186 298 337 978 480	621 309 1 071	565 795 1 527	338 330 915
Approximate land areaacres, 1987	2 164 369 228	2 101 372 428	1 436 610 137	1 744 374 515	855 342 707	1 915 368 908	2 576 293 830	1 357 378 169
Proportion in farms percent, 1987 1987 size of farm:	94.6	64.0	89.1	89.6	83.2	97.5	78.4	92.9
1 to 9 acres farmsacres	50 122	108 348	147 444	85 221	34 83	73 202	81 263	99 226
10 to 49 scres farms ecres	54 1 279	281 7 112	228 5 458	101 2 664	45 1 410	63 1 447	156 3 563	84 2 093
50 to 69 acres farmsacres	14 863	40 2 324	48 2 832	22 1 240	10 622	20 1 200	40 2 416	17 1 006
70 to 99 acres farms acres	53 4 270	85 6 824	93 7 523	56 4 507	54 4 359	63 5 169	68 5 469	45 3 596
100 to 139 acres	52	53 6 222	93	72 8 396	45 5 250	41 4 812	77 9 156	70 8 166
140 to 179 acresacres	109 17 286	62 9 792	131 20 842	101 15 914	54 8 519	102 16 135	98 15 638	114 18 126
180 to 219 acres farms acres	42 8 255	48 9 484	78 15 523	52 10 239	41 8 067	65 12 875	69 13 793	99 19 4 99
220 to 259 acres	61 14 416	40 9 436	93 22 276	74 17 779	47 11 011	82 19 390	72 17 065	96 22 785
260 to 499 acres farmsacres	306 113 909	142 51 781	350 129 770	255 90 767	172 63 793	287 103 853	188 68 134	335 119 453
500 to 999 acres farms acres	214 142 978	94 66 057	307 (D)	182 (D)	143 99 869	201 134 176	102 69 097	189 123 508
1,000 to 1,999 acres farmsacres	31	40 49 728	74 (D)	46 (D)	46 57 710	36 (D)	22 25 867	29 32 929
2,000 acras or more farmsacres	_1	8 19 148	23 570	(D)	10 24 565	(D)	-	-
1982 size of farm: 1 to 9 acres farms	64	100	132	86	33	79	83	99
acres	43	366 280	466 272	320 106	82 58	221 71	284 196	307 88
60 to 69 acres farms	15	6 637 64	6 913 49	2 758 33	1 722 16 941	1 606 25 1 483	4 413 37 2 255	2 090 25 1 389
ecres	874 50	3 756 99	2 881	1 932	31	57	88	67
acres	4 014 52	8 075 73	9 939 113	5 063 69	2 544 49	4 637 59	7 205 81	5 463 84
ecres140 to 178 ecres		8 520 80	13 215	8 174 109	5 830 56 8 672	6 892 128 20 233	9 566 126 20 078	9 860 129 20 396
ecres	. 70	12 628 54	23 000	17 159 64	50	72	81	111
220 to 259 acres ferms	95	10 770 51	17 764 94	12 600 82	9 939 37	14 234 105	15 967 83	21 720 130
acres	22 608	12 166 171	22 433 464	19 421 314	8 866 217	24 984 359	19 836	30 879 417
acras	141 005	59 594	170 735 273	113 260	80 219 186	129 277 160	74 573 96	148 092 151
500 to 999 scres farms acres	120 342	69 69 474 34		186 123 771 39	126 114 35	104 961 26	62 137 17	94 723
1,000 to 1,989 ecres farms	28 413	43 457 5	81 405	(D)	45 050	32 569	(D)	94 723 15 (D)
acres		11 818	21 324	(D)	23 992	18 060	(D)	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland farms, 1987		895		960 1 0 66	659 730	961 1 063	892 1 017	1 071 1 220
1982. acres, 1987. 1982.	. 330 508	1 002 213 501 213 481	488 111 491 445	295 594 304 647	225 274 246 000	321 946 323 673	210 370 214 026	322 461 321 024
Harvested croplandfarms, 1987	. 929	841	1 429	904	592	945	862	1 035
1982 acres, 1987	. 265 872	960 169 388	1 617 379 836	1 029 211 734	702 119 721	1 044 258 981 301 639	971 166 611 201 814	1 185 244 602 283 975
1982 Cropland used only for pasture or grazing farms, 1987	317 426	195 910 238		252 702 524	158 664 439	263	335	501
1982 ecres, 1987	202 4 906	267 9 764	729 33 680	608 40 564	492 70 402	370 12 130	348 10 004	555 21 717
1982	. 5 237	9 317	40 013	43 266	76 446	14 870	8 655	26 801 800
Other croplandfarms, 1987	. 342	537 294	1 010 575	604 326 43 296	373 269	769 289 50 835	577 157 33 755	423 56 142
acres, 1987 1982 Cropland in cover crops, legumes, and		34 329 8 254	74 595 18 702	8 679	35 151 10 890	7 164	3 557	10 248
soil-improvement grasses, not harvested and not pastured	_ 259	201	470	320	190	273	252	353
1982 acres, 1987	- 90 - 18 050	116 9 885	218 28 188	171 21 779	96 17 495	89 14 522	49 13 274	157 20 081
1982_		1 877		4 275 [2 366 l	1 785	773	3 522

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductor	ry text]							
All Farms	Sioux	Story	Tama	Taylor	Union	Van Buran	Wapello	Warren
FARMS AND LAND IN FARMS								
Farmsnumber, 19	87 2 015	1 138	1 404	774	693	783	899	1 310
Land in farmsacres, 19		1 248 327 081	1 508 417 178	890 291 057	772 233 595	883 244 939	959 211 685	1 394 303 783
Averaga siza of farmacres, 19	82 469 990 87 234 82 224	338 392 287 271	418 586 297 278	292 301 376 328	235 561 337 305	270 672 313 307	222 717 235 232	320 840 232 230
Value of land and buildings1:								200
	82 436 331	350 423 608 285	286 898 495 858	180 517 330 161	185 510 309 554	160 879 301 778	155 927 312 587	181 805 322 260
	82 2 020	1 237 2 280	977 1 760	511 966	556 1 088	531 935	723 1 249	1 327
Approximate land area acres, 19 Proportion in farms percent, 19		367 065 89.1	461 715 90.4	343 737 84.7	272 512 85.7	309 529 79.1	277 875 76.2	366 45 82.
1987 siza of farm: 1 to 9 acras fari	ms 310	105	102	35	36	37	40	86
acr	ras 920 ms 178	336 172	313 141	113 51	119 99	97 70	162 167	317 285
50 to 69 acras fan	res 4 155 ms 41	4 329 49	3 560 42	1 323 25	2 766 30	1 902 24	4 797 70	7 390 60
70 to 99 acres fari	ras 2 367 ms 152	2 909 86	2 480 88	1 463 53	1 720 55	1 416 63	4 129 87	3 562 142
	ras 12 179	7 025 77	7 071 112	4 284 40	4 437 39	5 219 91	7 226 91	11 500 12
	ras 12 006	9 124 86	13 091 131	4 802 67	4 446 57	10 779 78	10 733 65	14 589 11
	as 36 869	13 495	20 659	10 675	8 912	12 253	10 357	18 550
	ras 21 699	56 10 985	82 16 313 98	51 10 140	6 578	65 12 835	53 10 554	74 14 850
acı	ms 169 res 39 812 ms 507	10 285 230	23 459 341	52 12 389 194	52 12 414 140	10 555 157	51 ! 11 972 149	43 10 100 197
acr	res 181 354	82 259	124 774	70 726	52 928	58 436	52 597	70 909
	ras 117 663	188 126 075	225 (D)	163 111 107	119 82 330	121 83 878	108 74 059	134 87 439
	es (D)	40 48 052	40 (D)	37 48 151	28 37 056	28 36 582	17 (D)	57 863
2,000 acres or mora fari acr	res (D)	12 207	(D)	15 884	19 889	10 987	(D)	6 714
1982 siza of farm: 1 to 9 acres fari	ms 259	94	85	42	49	46	38	91
acr 10 to 49 acras fari		304 205	290 147	154 69	143 100	133 85	152 168	333 299
50 to 69 acres fan	ms 3 668	5 053 29	3 950 40	1 905 22	2 904 24	2 511 35	4 963 63	7 772 81
	res 2 382 ms 135	1 687	2 432 108	1 287 70	1 324 56	2 046 71	3 708 97	4 767 165
acr	res 10 849 ms 125	7 308 86	8 743 95	5 674 63	4 456 61	5 792 90	8 082 106	13 396 119
140 to 179 acres fan	res 14 824 ms 310	9 940 110	11 185 163	7 495 83	7 274 73	10 315 57	12 486 74	13 840 90
	res 48 870 ms 148	17 319 78	26 042 109	13 212 47	11 448	9 044	11 734 51	15 265 68
acr	res 29 217 ms 200	15 365 69	21 548 131	9 278 88	7 975 49	13 578 62	10 044 52	12 915 71
acr	ras 47 584	16 374	31 298	20 887	11 780	14 819	12 218	16 703
	ms 552 ras 192 996	291 108 391	399 143 725	215 81 342	168 60 018	193 70 733	189 67 393	80 910
500 to 999 acres far	ms 147 ras 93 359	164 108 757	190 123 067	160 108 371	123 83 695	142 95 222	101 66 441	137 91 856
1,000 to 1,999 acras fan	ms 21 ras 25 455	28 34 676	29 (D)	28 34 404	25 32 084	30 39 871	19 (D)	91 856 39 51 295
2,000 acres or more fari	ms	13 208	(D)	8 292	12 460	6 608	(D)	11 785
LAND IN FARMS ACCORDING TO USE								
Total croplandfarms, 19	1 719	1 036	1 293	721	640	740	833	1 203 1 285
acres, 19	982 1 847 987 438 716 982 429 405	1 151 302 492 307 739	1 400 367 588 355 033	830 229 338 230 349	717 177 099 176 400	830 165 726 182 304	900 162 399 170 960	235 212 240 683
Hervestad croplandfarms, 19		1 001	1 238	690	597	699	788	1 104
19 acras, 19	982 1 816 987 352 858	1 113 242 426	1 350 274 884	800 141 043	683 101 216	801 108 140	862 116 921	1 188 155 858
	982 406 510	289 259	309 403	165 144	121 953	132 063	131 029	181 270
Cropland used only for pasture or grazingfarms, 19 acras, 19	82 487	228 271 7 588	534 604 28 759	413 477 46 781	374 404 44 872	332 403 28 804	362 396 23 983	642 649 46 420
	982 14 194 14 975	8 712	30 556	52 077	48 042	39 664	30 330	45 648
Other croplandfarms, 19	82 339	762 406	867 497	430 371	344 208	403 278	373 295	565 397
acras, 19 19		52 478 9 768	63 945 15 074	41 514 13 128	31 011 6 405	28 782 10 577	21 495 9 601	32 934 13 765
Cropland in cover crops, lagumas, and soil-improvement grasses, not harvastad								
and not pasturedfarms, 19	91	275 124	432 176	249 135	159 74	223 123	198 124	309 173
acras, 19 19	987 17 388 982 1 572	15 495 2 862	27 131 4 446	21 228 3 499	13 396 1 974	14 605 4 368	10 906 2 759	15 623 3 766

Saa footnotes at and of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory tex			T	1		Т		
All Farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wrigh
FARMS AND LAND IN FARMS								
Farmsnumber, 1987_	1 158	743	1 235	742	1 633	1 360	667	882
1982 Lend in fermsacres, 1987	1 238 321 504	824 281 269	1 357 416 623	847 242 430	1 724 377 025	1 579 451 759	798 221 678	882 1 009 344 010
1982	337 850 278 273	290 174 379 352	419 632 337 309	246 550 327 291	400 613 231 232	478 624 332 303	234 314 332 294	360 488 390 357
Value of land and buildings1:	267 295	184 013	422.252	367 438				
Average per farmdollars, 1987 1982 Average per acredollars, 1987 1982	500 745 1 044 1 854	308 826 488 876	432 253 656 194 1 289 2 147	528 423 1 132 1 824	192 457 337 351 846 1 356	255 831 384 259 769	317 865 572 857 1 043	504 64° 758 698 1 235
Approximate land areaacres, 1987 Proportion in farmspercent, 1987	364 844 88.1	336 921 83.5	459 577 90.7	256 505 94.5	441 536 85.4	1 243 559 020 80.8	2 001 256 569 86.4	2 237 370 272 92.9
1987 size of ferm:							•	
1 to 9 acres	101 292 136	45 96 55	75 236 118	54 182 49	113 284 145	123 411 170	53 181 73	40 111 62
acres	3 662 35	1 637 22	3 066 24	1 173 15	3 740 49	4 176 35	1 971 14	62 1 734 17
acres	2 086	1 230	1 422	872 52	2 809	2 068	832	999
100 to 139 acres	6 408 87	2 515	7 368 73	4 139 48	7 489 166	6 670	2 702 33	3 074
acres	10 165 94	4 918	8 493 111	5 557 80	19 638 231	7 681 106	3 955	5 045 83
acres	14 920	10 623	17 634	12 653	36 506	16 783	9 782	13 120
220 to 259 acres	13 317 77	9 452 43	13 545	7 776	168 32 783	15 754	28 (D)	7 965
acres	18 399 287	10 108 182	16 512 323	11 026 199	128 30 150 403	20 539 317	39 (D) 166	11 900 253
acres	103 924	64 398 166	116 059	71 579	144 033	115 101 226	(D) 143	95 275 198
1,000 to 1,999 acres	111 871 27	110 061 38	149 435 55	89 125 26	79 087	157 937	97 631 23	131 742 52
acres	(D)	50 186	70 153 5	30 831	(D)	81 529 8	29 277	62 871
1982 size of farm:	(D)	16 045	12 700	7 517	(D)	23 110	-	10 176
1 to 9 acres	103 379	33 88	105 382	72 239	90 200	122 480	67 221	63 219
10 to 49 acres	161 4 017 37	78 2 268 19	125 3 238 29	68 1 579 14	146 3 833 71	208 5 257 59	92 2 286 19	60 1 475 9
acres	2 205	1 126	1 747	762	4 115	3 482	1 091	496
70 to 99 acres	91 7 373 87	48 3 906 48	79 6 413 72	53 4 232 46	101 8 322 175	8 289 87	3 563 46	3 590
acres140 to 179 acres	10 308 108	5 652 69	8 527 121	5 321 108	20 368	10 290 149	5 523	4 889 4 889 98
acres	17 304	10 905	18 896	17 199	34 788	23 519	13 380	15 714
180 to 219 acres	73 14 457 81	8 802 66	16 994 106	39 7 744 79	174 34 077 169	17 215 97	10 632 55	9 688 77
acres	19 213	15 754	25 123	18 745	40 061	23 105	13 125	18 484
260 to 499 acres farms acres	308 111 752	81 713	372 133 190	237 85 977	149 637	376 135 810	186 67 862	335 122 144
500 to 999 acres farms acres	159 107 183	164 111 062	216 142 193	106 70 959	137 87 234	224 151 121	131 87 492	189 123 873
1,000 to 1,999 acres	27 34 664	28 36 996	45 (D)	23 (D)	13 (D)	55 68 822	19 (D)	37 44 792
2,000 acres or morefarms acres	8 995	11 902	(D)	(D)	(D)	31 234	(D)	15 104
LAND IN FARMS ACCORDING TO USE								
Total croplandfarms, 1987	1 058	674	1 161	700	1 510	1 227	617	842
1982 acres, 1987 1982	1 135 278 666 283 299	764 217 862 224 087	1 269 384 173 380 229	788 224 561 225 041	1 608 300 701 310 414	1 454 399 325 414 894	732 205 576 213 427	956 323 1 54 331 218
Harvested croplandfarms, 1987	1 024	630	1 140	686	1 422	1 162	592	832
1982 acres, 1987 1982	1 098 206 315 247 227	731 114 904 152 831	1 251 312 048 363 632	774 177 414 211 136	1 562 219 642 262 028	1 377 278 373 359 752	714 157 665 199 142	950 260 638 319 992
Cropland used only for pasture or grazing farms, 1987	447	450	163	130	851	513	164	122
1982 acres, 1987 1982	499 24 184 25 547	463 63 425 56 401	217 6 014 6 084	192 3 163 4 274	914 36 980 40 000	668 35 865 40 679	178 6 064 5 040	141 4 649 3 983
Other croplandfarms, 1987	676	404	947	558	691	833	494	723
1982 acres, 1987 1982	309 48 167 10 525	337 39 533 14 855	396 66 111 10 513	407 43 984 9 631	340 44 079 8 386	466 85 087 14 463	353 41 847 9 245	304 57 887 7 263
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested	10 323	14 033	10 313	3 031	0 300	14 403	3 240	, 203
and not pasturedfarms, 1987 1982	323 131	215 121	278 80	230 112	315 128	312 161	213 98	224 59
acres, 1987 1982	19 305 3 861	19 975 3 517	17 641 1 789	16 894 2 632	18 108 2 515	27 141 3 948	14 718 2 026	14 839 1 264

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[FOI magning of abbraviations and aymbols, see introductory to							
All Farms	lowa	Adeir	Adams	Allamakee	Appanoose	Audubon	Benton
LAND IN FARMS ACCORDING TO USE—Con.						18	
Total cropland-Con. Other cropland-Con. Cropland on which all crops failed farms, 1987_ 1982_ acres, 1982_	4 847 45 013	22 57 360 1 309	21 69 (D) 1 539	9 16 (D) 177	9 86 286 4 614	2 19 (D) (D)	20 43 358 1 044
Cropland in cultivated summer fallow farms, 1987_ 1982_ acres, 1987_ 1982_	656 45 160	4 6 239 206	2 16 (D) 458	15 10 (D) 496	8 10 438 257	4 (D) (D)	8 6 594 146
Cropland Idle	19 323 2 762 259	368 229 24 967 5 936	244 156 17 543 6 746	293 102 15 962 2 559	179 118 7 529 3 437	378 181 27 089 3 456	538 255 30 087 5 865
Total woodland farms, 1987_ 1982_ acres, 1982_ 1982_	26 883 1 316 448	176 179 6 835 8 656	187 175 8 295 7 619	730 792 84 782 95 602	352 361 20 199 22 344	102 97 3 259 3 241	278 329 11 694 13 121
Woodland pastured farms, 1987_ 1982_ acrea, 1987_ 1982_	. 16 750 774 976	102 118 4 820 6 346	126 104 6 032 5 138	580 654 61 188 72 500	257 252 15 201 15 915	56 51 2 132 1 827	169 204 7 614 8 241
Woodland not pastured	_ 14 503 _ 541 472	93 82 2 015 2 310	82 90 2 263 2 481	388 399 23 594 23 102	150 161 4 998 6 429	56 55 1 127 1 414	152 178 4 080 4 880
Other land farms, 1987_ 1982_ acras, 1987_ 1982_	_ 94 616 _ 3 030 814	807 927 48 538 56 081	584 614 44 709 43 423	840 931 40 100 46 217	706 743 47 031 46 099	706 775 29 023 36 853	1 121 1 295 31 269 41 726
Pastureland and rangeland other than cropland and woodland pastured farms, 1987_ 1982_ acres, 1987_ 1982_	_ 24 254 _ 1 452 248	288 289 25 714 29 279	235 225 30 513 24 977	315 322 27 048 27 266	285 303 34 733 31 672	150 145 12 587 15 330	262 306 12 322 15 220
Land in house lots, ponds, roads, wasteland, etc	91 193 1 578 566	760 886 22 824 26 802	544 589 14 196 18 446	793 885 13 052 18 951	639 702 12 298 14 427	677 757 16 436 21 523	1 065 1 249 18 947 26 506
Pastureland, all types farms, 1987. 1982. acres, 1987. 1982.	- 64 427 - 4 510 771	730 806 69 299 96 880	523 561 75 540 78 406	869 939 116 642 133 533	706 699 114 072 105 280	431 574 33 558 45 992	755 896 41 667 46 867
Cropland diverted under annual commodity acreage adjustment programs	_ 23 020 _ 3 560 902	675 319 30 158 6 756	399 164 16 551 2 542	631 121 16 953 1 672	327 120 9 617 1 349	593 209 28 117 3 721	1 009 345 48 269 5 742
Cropland placed under the conservation reserve program farms, 1987_ acres, 1987.		86 9 058	118 15 191	135 13 410	117 8 099	109 13 238	50 3 168

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

All Farms	Black Hewk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
LAND IN FARMS ACCORDING TO USE—Con.							
Total cropland-Con. Other cropland-Can. Cropland on which all crops failed farms, 1967 1982 acres, 1987 1982	14	10	10	7	27	5	4
	28	35	44	14	47	48	52
	(D)	176	166	178	638	(D)	(D)
	(D)	(D)	454	266	973	826	635
Cropland in cultivated summer fallow farms, 1987	1	9	3	10	8	8	9
1982	2	3	7	5	13	5	4
acres, 1987	(D)	379	164	416	562	(D)	(D)
1982	(D)	(D)	252	257	246	89	149
Cropland idlefarms, 19871982 acres, 19871982	498 211 29 413 5 304	469 229 31 929 5 562	388 211 19 995 4 207	516 231 32 397 5 810	592 188 38 315 4 000	563 238 33 856 5 580	558 220 39 160 5 181
Totel woodland farms, 1987	200	234	246	301	64	208	51
	211	238	289	306	109	239	89
	7 064	14 365	7 943	10 209	3 570	8 380	1 788
	6 586	16 553	9 644	10 743	5 267	8 736	3 118
Woodland pastured farms, 1987	90	116	78	158	29	97	23
1982	110	155	117	178	55	133	49
acres, 1987	3 668	8 002	2 963	5 576	2 434	4 780	1 304
1982	3 433	11 240	4 053	8 632	3 989	4 868	2 307
Woodland not pastured farms, 1987	130	142	197	187	42	135	30
1982	122	112	191	185	67	125	48
acres, 1987	3 396	6 363	4 980	4 833	1 136	3 600	484
1982	3 153	5 313	5 591	4 111	1 278	3 870	811
Othar land farms, 1987	992	800	875	1 035	910	1 058	748
	1 093	920	1 043	1 105	1 004	1 233	941
	19 303	19 594	15 855	19 533	24 278	24 116	17 028
	26 934	24 345	22 243	26 380	29 730	30 773	25 489
Pastureland and rangeland other than cropland and woodland pastured farms, 1987 acres, 1987 1982 1982	169	168	216	202	155	272	90
	240	182	269	238	161	297	125
	5 194	6 803	4 936	5 969	7 169	8 351	3 252
	6 417	6 917	7 216	6 601	7 374	10 089	6 181
Lend in house lats, pands, raads, wasteland, etcfarms, 1987 1982 acres, 1987 1982	959 1 062 14 109 20 517	768 895 12 791 17 428	848 1 019 10 719 15 027	1 004 1 083 13 564 19 779	882 990 17 109 22 358	1 016 1 207 15 765 20 684	734 921 13 774 19 308
Pasturaland, all types	470	428	523	632	335	644	273
	562	504	640	677	438	724	422
	17 255	22 747	16 626	26 622	18 242	26 867	10 937
	17 735	26 080	20 864	26 716	21 303	27 640	16 799
Cropland diverted under annual commodity acraage adjustment programs	824	708	673	878	838	868	793
	266	297	252	273	210	293	262
	42 528	41 850	30 399	49 702	48 331	43 458	45 296
	4 956	4 591	3 594	5 266	3 262	4 819	3 838
Cropland placed under the conservation reserve program farms, 1987 acres, 1987 acres, 1987	22	54	50	37	58	104	43
	1 154	2 765	1 820	1 389	2 137	7 125	1 639

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

(FOR Intelling Of abortardoris and symbols, see in								
All Farms		Cerroll	Cess	Cedar	Cerro Gordo	Cherokee	Chickesaw	Clarke
LAND IN FARMS ACCORDING TO USE—Con.			!					
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedf	erms, 1987	18	7	8	9	8	13	44
	1982	27	72	16	36	35	35	54
	icres, 1987	270	(D)	(D)	367	(D)	259	(D)
	1982	241	1 355	(D)	360	(D)	509	(D)
Cropland in cultivated summer fallow	erms, 1987	4	10	3	8	2	11	3
	1982	10	13	1	4	1	8	2
	ocres, 1987	331	(D)	(D)	386	(D)	748	(D)
	1982	370	484	(D)	156	(D)	453	(D)
Cropland idlef	erms, 1987	626	365	4 54	433	513	463	179
	1982	181	258	170	254	195	244	136
	icres, 1987	34 766	26 143	31 962	34 722	27 521	28 868	11 493
	1982	4 165	7 173	3 769	8 204	3 919	4 857	2 946
Total woodland f	arms, 1987	94	138	244	108	118	248	249
	1982	92	167	283	132	128	288	265
	icres, 1987	2 464	4 062	14 080	3 497	7 226	8 966	16 558
	1982	3 252	5 552	12 816	2 959	5 909	8 798	20 313
Woodland pasturedf	erms, 1987	43	79	144	41	51	121	169
	1982	48	99	184	58	77	156	197
	ecres, 1987	1 488	2 388	9 071	1 856	4 136	4 549	12 002
	1982	2 294	2 929	9 117	1 637	3 802	5 542	13 627
Woodland not pastured f	arms, 1987	62	76	140	78	83	168	122
	1982	46	85	147	97	69	177	130
	acres, 1987	976	1 674	5 009	1 641	3 090	4 417	4 554
	1982	958	2 623	3 699	1 322	2 107	3 256	8 888
	arms, 1987	1 057	796	931	702	899	835	572
	1982	1 194	916	1 093	836	1 042	985	628
	acres, 1987	27 546	37 532	28 359	17 353	38 950	21 251	47 663
	1982	33 324	41 223	27 970	24 059	44 513	28 301	43 006
	erms, 1987	184	270	247	117	309	234	275
	1982	240	243	234	170	329	280	244
	acres, 1987	7 750	15 593	14 009	3 810	20 310	8 274	35 741
	1982	8 478	15 437	9 907	6 584	19 708	10 105	28 358
Land in house lots, ponds, roads, wasteland, etct	arms, 1987	1 026	751	889	682	856	796	520
	1982	1 144	876	1 062	810	988	953	589
	acres, 1987	19 796	21 939	14 350	13 543	18 640	12 977	11 922
	1982	24 846	25 786	18 063	17 475	24 804	18 196	14 648
	arms, 1987	532	609	596	341	596	527	553
	1982	691	732	691	407	684	622	598
	acres, 1987	25 265	51 569	41 082	15 146	45 082	24 721	92 886
	1982	29 676	57 943	40 298	15 900	45 172	27 687	93 406
	arms, 1987	954	670	819	678	810	738	349
	1982	230	312	172	292	210	273	199
	acres, 1987	44 241	36 907	49 069	45 109	39 317	36 267	11 423
	1982	3 297	6 505	3 526	7 002	3 378	4 652	2 584
Cropland placed under the conservation reserve programf	arms, 1987	39	64	53	77	34	105	118
	acres, 1987	4 372	6 495	5 572	4 482	2 425	7 711	12 782

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

All Farms		Clay	Clayton	Clintan	Crawford	Dallas	Davis	Dacatur
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con. Other cropland-Con. Cropland on which all crops failed fa	arms, 1987	14	14	12	26	9	9	30
	1982	53	17	43	18 i	37	97	57
	cras, 1987	(D)	370	637	713 i	(D)	172	1 051
	1982	1 290	222	(D)	149	(D)	3 828	2 278
Cropland in cultivated summer fallow fa	arms, 1987	6	20	11	10	2	19	9
	1982	5	18	4	9	3	4	5
	cras, 1987	(D)	1 210	321	660	(D)	619	409
	1982	219	1 657	(D)	427	(D)	141	295
Cropland idla fa	arms, 1987	489	500	547	558	412	190	173
	1982	192	139	165	303	158	125	93
	cras, 1987	35 707	26 627	32 351	38 327	31 168	13 434	11 815
	1982	4 554	2 684	3 727	7 089	4 250	2 862	3 065
Total woodland fa	arms, 1987	82	1 001	340	213	266	433	265
	1982	112	1 093	371	252	291	405	298
	cres, 1987	3 662	77 161	14 831	8 925	12 885	26 016	27 342
	1982	4 561	83 310	13 124	9 490	16 097	25 358	21 409
Woodland pastured fa	arms, 1987	25	675	202	136	126	292	167
	1982	55	818	222	163	159	269	211
	cras, 1987	1 146	44 484	8 535	6 578	6 762	15 645	16 050
	1982	2 397	54 469	7 470	6 996	9 964	15 254	14 817
Woodland not pastured fa	arms, 1987	62	661	192	102	181	214	144
	1982	69	594	202	121	176	194	127
	cras, 1987	2 516	32 677	6 296	2 347	6 123	10 371	11 292
	1982	2 164	28 841	5 654	2 494	6 133	10 104	6 592
	arms, 1987	718	1 338	1 072	1 091	823	758	584
	1982	872	1 426	1 272	1 275	940	801	638
	cras, 1987	23 770	43 123	25 083	38 643	26 886	55 334	73 538
	1982	31 495	51 321	34 969	49 637	35 145	56 573	81 443
	arms, 1987	215	429	258	302	229	314	301
	1982	200	446	284	349	270	334	300
	icres, 1987	10 114	23 388	9 497	15 450	12 827	37 036	56 536
	1982	12 125	26 811	11 681	17 685	15 997	36 492	62 987
Land in house lots, ponds, roads, wasteland, etcfa	arms, 1987	690	1 256	1 022	1 044	787	704	524
	1982	839	1 355	1 226	1 237	906	750	595
	Icres, 1987	13 656	19 735	15 586	23 193	14 059	18 298	17 000
	1982	19 370	24 510	23 288	31 952	19 148	20 081	18 456
	arms, 1987	366	1 248	720	848	510	748	583
	1982	448	1 393	785	1 022	580	781	631
	icres, 1987	21 307	109 024	37 999	60 992	35 686	101 110	125 849
	1982	28 262	122 502	40 281	88 468	39 613	102 924	136 456
	arms, 1987	677	1 029	980	902	659	354	302
	1982	227	194	179	402	211	154	110
	acres, 1987	41 259	37 544	53 510	43 401	40 595	11 812	10 810
	1982	4 544	3 131	3 149	7 250	3 652	2 570	1 882
Cropland placed under the conservation reserve program for a	arms, 1987	84	189	93	82	94	124	118
	acres, 1987	4 859	17 804	8 042	13 043	5 026	16 624	12 940

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

All Farms	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Frenklin
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedterms, 1987_ 1982_ acres, 1987_ 1982_	_ 21 _ (D)	15 27 159 580	12 26 109 870	6 18 (D) 324	3 34 (D) (D)	19 24 305 379	1 27 (D) 317	2 43 (D) 617
Cropland in cultivated summer fallowfarms, 1987_ 1982_ acres, 1987_ 1982_	- 7 - (D)	7 4 144 122	5 4 287 123	22 10 (D) 422	5 1 (D) (D)	20 6 1 282 229	9 11 253 153	15 10 (D) 467
Cropland idlefarms, 1987_ 1982_ acres, 1987_ 1982_	_ 158 _ 25 138	276 143 15 131 3 776	314 127 23 441 3 323	382 132 16 509 2 783	360 156 30 463 3 771	553 235 35 043 6 055	439 233 (D) 5 698	534 265 41 450 7 942
Total woodlandfarms, 1987_	383 23 340	294 315 17 006 19 110	44 61 1 243 954	694 717 36 532 38 640	59 74 2 422 2 226	499 515 26 792 27 262	222 251 7 192 6 657	115 122 3 927 4 904
Woodland pastured	274 16 028	171 180 8 266 10 286	18 31 708 492	518 569 25 503 28 554	38 37 1 613 1 664	299 338 15 769 18 402	95 133 3 119 3 714	56 57 2 333 3 476
Woodland not pasturedfarms, 1987_ 1982_ acras, 1987_ 1982_	- 172 - 7 312	176 186 8 740 8 824	30 37 535 462	337 311 11 029 10 086	33 41 809 562	320 308 11 023 8 860	153 146 4 073 2 943	65 69 1 594 1 428
Other land	- 1 207 - 23 702	580 633 20 813 27 722	468 541 16 429 23 763	1 202 1 314 30 793 39 345	446 542 13 777 20 887	1 215 1 362 30 865 44 113	785 923 16 935 25 639	819 967 23 102 30 084
Pastureland and rangeland other than cropland and woodland pasturedfarms, 1987_ 1982_ acres, 1987_ 1982_	_ 279 _ 8 121	177 196 11 192 15 773	97 128 6 823 9 955	452 453 19 192 22 578	96 120 5 298 9 244	312 371 12 795 17 482	167 223 4 945 7 564	152 152 6 047 6 907
Land in house lots, ponds, roads, wasteland, etc	- 1 171 - 15 581	551 610 9 621 11 949	449 514 9 606 13 808	1 106 1 221 11 601 16 767	420 520 8 479 11 643	1 170 1 303 18 070 26 631	756 891 11 990 18 075	794 947 17 055 23 177
Pastureland, all typesfarms, 1987. 1982. acres, 1987. 1982.	_ 922 _ 48 156	394 439 31 497 36 513	239 283 14 394 20 334	1 231 1 282 78 054 82 824	196 273 12 589 19 591	861 979 51 650 60 108	397 496 15 346 17 975	326 398 15 507 21 520
Cropland diverted undar annual commodity acraage adjustment programsfarms, 1987	- 198 - 44 164	486 163 23 410 3 310	422 154 26 267 2 572	896 127 24 235 1 494	476 154 30 654 3 086	1 063 321 52 343 6 120	710 301 39 568 5 164	796 301 50 014 6 776
Cropland placed under the conservation raserva program		41 3 042	93 4 986	88 6 240	62 4 343	119 9 331	118 6 964	80 4 458

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

All Farms	Framont	Graana	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 1987_ 1982_ acres, 1987_ 1982_	- 137 - 4 540	7 21 (D) (D)	5 21 (D) (D)	16 31 1 295 381	19 46 396 (D)	8 56 (D) 830	9 30 404 (D)	19 39 372 1 171
Cropland in cultivated summer fallowfarms, 1987_ 1982_ acras, 1987_ 1982_	_ 19 _ 523	2 4 (D) (D)	7 5 (D) (D)	11 5 569 292	9 3 302 (D)	6 6 (D) 116	6 2 523 (D)	10 4 480 68
Cropland idlafarms, 1987_ 1982_ acras, 1987_ 1982_	- 177 - 19 757	477 202 34 139 5 292	483 158 30 789 4 160	333 231 25 303 5 026	585 281 40 471 6 946	590 254 41 953 5 637	552 261 37 278 7 259	518 283 37 800 7 283
Total woodlandfarms, 1987_ 1982_ acres, 1987_ 1982_	_ 208 _ 10 112	145 173 7 756 10 083	60 54 1 231 1 260	260 271 16 472 14 479	105 132 3 983 6 977	65 70 1 339 1 672	157 189 9 481 10 839	347 444 21 564 23 081
Woodland pasturad	_ 115 _ 3 832	87 114 4 720 7 150	26 26 443 719	163 184 10 185 10 187	39 62 1 536 3 689	23 30 381 633	92 110 6 593 7 549	197 282 9 807 14 585
Woodland not pasturad	_ 126 _ 6 280	75 85 3 036 2 933	38 31 788 541	137 125 6 287 4 292	78 85 2 447 3 288	47 43 958 1 039	86 99 2 888 3 290	224 231 11 757 8 496
Other land	- 636 - 30 137	764 860 25 114 28 849	808 956 20 158 24 127	754 899 40 097 49 637	806 927 17 842 24 583	795 946 18 397 24 710	841 955 23 170 29 239	777 953 38 709 38 247
Pastureland and rangaland other than cropland and woodland pasturedfarms, 1987_ 1982_ acres, 1982_ Land in house lots, ponds, roads,	- 132 - 12 492	172 188 9 768 10 553	172 218 5 897 6 366	283 303 23 773 28 357	115 139 3 860 5 704	103 135 3 675 5 090	192 199 9 392 10 036	224 211 15 125 14 059
wasteland, atc	- 614 - 17 645	727 825 15 346 18 296	782 934 14 261 17 761	689 859 16 324 21 280	790 905 13 982 18 879	776 928 14 722 19 620	806 917 13 778 19 203	728 925 21 584 24 188
Pastureland, all types	- 448 - 35 007	392 516 24 790 30 152	370 469 13 629 15 339	611 738 72 119 78 582	277 350 10 362 13 614	262 346 10 007 12 345	404 480 24 225 27 625	554 751 45 850 65 771
Cropland divarted under annual commodity acreage adjustment programs	_ 261 _ 33 153	704 272 46 184 4 858	783 168 45 411 3 573	608 261 29 124 4 363	782 302 51 142 5 502	873 256 51 939 4 681	786 308 47 801 5 340	703 302 39 562 5 454
Cropland placed under the conservation reserve programfarms, 1987_acres, 1987_	49 5 284	46 2 101	12 729	102 11 972	56 2 521	87 4 365	49 3 134	64 5 189

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

All Farms	Henry	Howard	Humboldt	lda	lowe	Jeckson	Jasper	Jefferson
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 1987 1982 acres, 1987 1982	33	11	6	21	10	19	23	30
	49	32	36	15	83	8	113	50
	793	453	134	248	117	387	(D)	1 050
	1 476	(D)	(D)	(D)	3 084	65	(D)	2 112
Cropland in cultivated summer fellow farms, 1987	6	11	6	5	4	25	10	8
1982	4	2	2	3	9	7	1	12
acres, 1987	611	1 091	398	258	450	1 225	(D)	295
1982	473	(D)	(D)	(D)	522	339	(D)	419
Cropland idlefarms, 1987	325	392	467	382	355	380	540	233
1982	133	208	164	144	276	130	262	122
acres, 1987	20 272	29 321	33 630	25 317	22 754	21 645	30 828	13 048
1982	2 916	5 469	3 832	4 527	9 322	2 570	6 755	2 743
Total woodland	316	242	85	36	274	707	349	343
	316	275	81	33	286	775	340	367
	19 984	7 543	3 293	425	12 118	54 850	14 311	17 979
	20 939	8 285	3 556	461	12 800	56 512	13 867	16 851
Woodland pasturedfarms, 1987	194	123	40	11	173	542	164	176
1982	192	146	47	13	185	623	196	207
acres, 1987	10 737	3 172	1 430	189	6 861	42 588	7 137	8 791
1982	12 036	4 771	1 705	262	7 669	44 539	8 571	8 018
Woodland not pasturedfarms, 1987	191	156	52	26	151	312	219	208
1982	174	170	46	23	161	309	197	212
acres, 1987	9 247	4 371	1 863	236	5 255	12 264	7 174	9 188
1982	8 903	3 514	1 851	199	5 131	11 973	5 096	8 833
Other landfarms, 1987	682	759	578	654	860	971	1 237	664
1982	758	887	668	730	977	1 061	1 370	723
acres, 1987	20 395	20 469	13 519	26 079	30 440	45 186	46 303	26 369
1982	25 787	25 977	17 357	31 182	48 581	44 968	54 418	34 930
Pestureland and rangeland other than cropland and woodlend pestured	200	189	70	194	198	400	420	232
	204	237	64	192	218	398	412	251
	9 203	7 912	2 243	11 498	12 795	33 207	24 160	12 571
	10 296	9 664	2 567	11 394	26 315	31 682	24 492	17 298
wasteland, etc	644	738	565	613	833	876	1 167	625
	735	863	657	699	942	985	1 331	692
	11 192	12 557	11 276	14 581	17 645	11 979	22 143	13 798
	15 491	16 313	14 790	19 788	22 266	13 286	29 926	17 632
Pastureland, all typesfarms, 1987	494	476	159	441	679	1 090	924	503
1982	546	613	199	539	770	1 157	1 034	617
acres, 1987	34 218	25 513	6 434	31 684	59 541	123 462	64 406	42 248
1982	37 907	32 071	9 059	31 835	79 576	123 760	72 959	53 117
Cropland diverted under annual commodity acreage adjustment programs	575	636	609	567	769	786	930	476
	158	272	156	170	350	173	348	189
	28 965	31 427	37 645	32 325	38 678	28 349	46 380	21 980
	2 448	5 362	2 558	2 853	7 483	2 501	6 177	3 530
Cropland placed under the conservation reserve program	55	150	12	44	101	114	119	60
	3 704	12 476	412	4 420	9 333	10 403	8 7 84	4 404

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

All Farms	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
LAND IN FARMS ACCORDING TO USE—Con.			, noonen	71035411	250		Louisa	Lucas
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 1987 1982 acres, 1987 1982	39	19	27	21	36	25	14	14
	93	25	92	82	37	46	30	73
	670	326	480	390	929	466	422	591
	(D)	(D)	4 461	(D)	675	693	(D)	3 403
Cropland in cultivated summer fallowfarms, 1987	10	16	7	7	19	3	5	5
1982	2	3	10	3	16	6	2	6
ecres, 1987	676	437	347	483	847	297	135	85
1982	(D)	(D)	1 028	(D)	505	228	(D)	126
Cropland idlefarms, 1987	328	397	346	1 072	367	491	254	166
1982	156	137	197	396	113	145	136	129
acres, 1987	18 798	25 951	25 691	72 516	20 077	25 703	15 856	10 824
1982	3 797	3 194	6 154	11 066	2 606	3 185	3 445	3 012
Total woodlandfarms, 1987	475	394	343	117	511	488	244	283
1982	474	471	417	134	504	488	253	299
acres, 1987	14 168	20 931	23 538	4 912	35 718	18 656	15 121	18 324
1982	15 088	29 058	22 543	5 119	37 112	18 755	15 929	17 586
Woodlend pastured	276	240	196	51	308	302	120	193
	278	309	260	64	323	300	128	199
	7 603	12 937	11 223	2 555	18 770	11 919	5 964	11 310
	8 218	19 660	13 026	2 626	20 663	11 458	7 998	10 927
Woodland not pasturedfarms, 1987	263	220	222	75	302	259	173	129
1982	271	235	245	89	287	261	166	143
acres, 1987	6 565	7 994	12 315	2 357	16 948	6 737	9 157	7 014
1982	6 870	9 398	9 517	2 493	16 449	7 297	7 931	6 659
Other land	1 083	955	802	1 320	784	1 316	474	552
	1 217	1 094	956	1 516	844	1 436	537	655
	26 171	35 748	38 511	31 131	28 897	29 049	15 558	40 681
	33 022	39 402	44 355	43 374	34 733	36 476	20 496	51 916
Pastureland and rangeland other then cropland end woodland pastured	281	313	260	134	301	333	119	274
	253	328	248	175	257	398	155	302
	9 201	21 021	19 484	5 638	17 256	12 934	6 834	29 934
	8 418	18 791	19 388	6 151	17 937	13 970	8 184	38 040
wasteland, etc	1 034	903	756	1 297	709	1 257	442	492
	1 181	1 048	917	1 492	804	1 379	518	594
	16 970	14 727	19 027	25 493	11 641	16 115	8 724	10 747
	24 604	20 611	24 967	37 223	16 796	22 506	12 312	13 876
Pastureland, all types	832	725	665	392	664	958	297	577
	956	862	789	518	672	1 000	362	640
	44 093	60 275	64 071	17 055	55 837	48 646	21 245	88 995
	49 583	67 426	71 560	18 783	60 399	44 690	25 912	94 442
Cropland diverted under annual commodity acreage adjustment programs	688	781	687	1 422	548	883	462	305
	161	161	298	422	86	164	168	153
	31 915	37 900	38 463	82 081	21 574	37 256	26 117	10 395
	2 577	2 582	6 231	7 690	1 275	2 843	3 913	2 322
reserva programferms, 1987	54	72	128	106	56	65	28	111
acres, 1987	4 204	8 255	12 054	4 859	3 658	3 689	2 092	9 878

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

All Farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchall	
LAND IN FARMS ACCORDING TO USE—Con.	Lyon	Widuison	Manasha	Marion	Warshali	Mills	Mitchail	Monona
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 1987 1982acres, 1987 19821982	5	44	16	13	14	35	5	21
	3	57	140	123	55	54	32	26
	(D)	639	736	1 152	366	(D)	184	572
	(D)	2 196	8 889	6 177	1 490	2 207	1 309	924
Cropland in cultivated summer fallowfarms, 1987_	11	11	9	9	6	4	7	10
1982	2	6	6	6	12	5	9	8
acres, 1987_	(D)	430	470	733	292	(D)	360	359
1982_	(D)	184	199	315	484	121	220	755
Cropland idlefarms, 1987	626	324	374	295	392	232	391	459
1982	144	211	171	167	246	121	196	212
acres, 1987	31 935	17 247	22 221	15 266	31 631	17 123	26 981	42 078
1982	3 160	3 680	4 681	6 422	7 150	5 501	3 913	7 941
Total woodlandfarms, 1987	45	366	317	429	191	172	215	219
1982	51	373	327	481	225	166	261	234
acres, 1987	1 801	23 000	14 520	19 461	6 785	6 363	6 741	19 299
1982	2 124	23 848	13 557	22 360	9 862	6 535	8 091	17 339
Woodland pastured	16	207	164	230	84	69	91	136
	25	245	178	276	128	75	140	163
	1 046	14 893	6 898	9 362	3 430	2 959	3 230	10 998
	1 808	17 733	7 127	11 980	5 813	2 366	5 281	11 616
Woodland not pastured	30	210	194	268	134	115	141	128
	28	174	190	286	123	115	150	103
	755	8 107	7 622	10 099	3 355	3 404	3 511	8 301
	316	6 115	6 430	10 380	4 049	4 169	2 810	5 723
Other land	983	906	986	936	873	505	746	620
	1 144	1 000	1 058	1 018	1 001	545	836	703
	28 662	58 042	36 422	36 541	29 329	20 371	16 047	37 116
	37 173	70 267	41 292	47 159	31 823	27 986	21 789	45 399
cropland and woodland pasturedfarms, 1987	222	408	335	338	258	101	138	191
1982	283	455	293	349	248	115	154	207
acres, 1987	11 283	38 213	15 437	17 557	12 932	4 466	3 222	22 227
1982	14 559	48 931	15 703	23 646	11 971	7 055	4 431	23 259
wastaland, atc	955	835	936	879	833	484	724	579
	1 102	922	1 028	978	975	530	821	657
	17 379	19 829	20 985	18 984	16 397	15 905	12 825	14 889
	22 614	21 336	25 589	23 513	19 852	20 931	17 358	22 140
Pastureland, all types	576	793	684	752	527	322	369	391
	695	870	777	845	652	393	461	472
	31 156	96 563	44 602	59 436	30 752	20 129	14 584	51 708
	35 472	114 685	50 838	71 173	35 721	24 289	18 323	56 252
Cropland diverted under annual commodity acreage adjustment programs	871	548	750	557	705	439	662	614
	150	256	226	195	354	160	252	238
	(D)	22 644	31 867	23 249	43 373	29 439	37 549	45 189
	2 385	3 721	4 136	3 364	7 595	4 137	4 406	5 941
Cropland placed under the conservation raserva program	48	97	116	111	136	31	110	67
	(D)	7 511	9 067	10 897	14 535	3 384	6 387	8 293

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

All Farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Pelo Alto	Plymouth
LAND IN FARMS ACCORDING TO USE—Con.		Merkgeniery	Was daile	O Brisin	030000	rago	T GIO AIRO	rymouti
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 1987 1982 acres, 1987 1982	11	13	19	12	4	37	11	5
	103	71	40	28	10	127	50	6
	468	(D)	(D)	(D)	(D)	673	81	(D)
	4 618	1 797	(D)	971	210	2 748	1 199	(D)
Cropland in cultivated summer fallow farms, 1987	8	1	4	2	4	15	11	15
1982	3	6	2	5	4	10	4	8
acres, 1987	368	(D)	(D)	(D)	455	284	772	(D)
1982	57	109	(D)	392	295	142	67	(D)
Cropland idle	180	238	309	671	415	311	597	859
	103	184	102	185	170	228	261	207
	11 172	16 079	18 033	37 139	(D)	16 087	46 822	51 782
	2 982	4 483	2 752	3 853	5 445	5 573	6 644	4 740
Total woodlendfarms, 1987	354	121	260	73	31	236	73	121
1982	351	163	287	72	35	221	89	137
acres, 1987	25 184	3 973	15 874	2 735	648	8 019	2 771	5 864
1982	24 723	4 902	17 454	2 091	867	6 995	2 256	5 237
Woodlend pastured	232	62	162	25	11	123	18	58
	265	88	194	36	19	125	33	80
	15 850	1 781	10 358	1 143	465	4 032	465	3 885
	16 903	3 093	12 137	1 368	533	4 215	1 000	3 684
Woodland not pasturedfarms, 1987	178	72	137	56	21	137	63	77
1982	141	92	135	43	19	124	59	69
acres, 1987	9 334	2 192	5 516	1 592	183	3 987	2 306	1 979
1982	7 820	1 809	5 317	723	334	2 780	1 256	1 553
Other land	608	566	714	970	568	867	715	1 400
	615	674	781	1 116	713	884	786	1 566
	52 874	26 185	18 131	27 919	14 179	44 987	19 747	50 235
	49 276	28 762	23 784	32 604	17 990	44 584	24 916	61 999
cropland and variged to the trial cropland and woodland pastured	289	166	180	210	100	273	119	341
	285	182	208	226	123	283	111	369
	42 334	10 692	7 497	9 982	2 857	19 662	5 230	23 491
	36 521	8 934	11 244	11 940	3 889	17 996	5 734	27 979
wastelend, etcfarms, 1987_	547	542	678	941	558	843	693	1 334
1982	570	649	758	1 072	695	852	774	1 517
acres, 1987	10 540	15 493	10 634	17 937	11 322	25 325	14 517	26 744
1982	12 755	19 828	12 540	20 664	14 101	26 588	19 182	34 020
Pastureland, all types	608	426	475	416	239	713	270	874
	642	493	557	478	332	771	334	1 011
	106 919	36 136	32 223	21 162	7 616	68 481	13 141	56 723
	104 806	41 335	38 270	22 727	11 155	68 405	14 295	65 204
acreage adjustment programs	302	498	562	934	569	663	761	1 222
	134	226	120	191	196	297	277	173
	(D)	27 477	29 595	48 084	28 246	30 606	47 052	59 690
	1 738	4 181	1 937	2 902	3 079	4 562	5 484	2 950
reserve program	90	61	40	29	34	85	125	98
	(D)	5 615	1 458	885	1 876	6 769	8 240	10 821

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

All Farms	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
LAND IN FARMS ACCORDING TO USECon.								
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 198 198 acres, 199	2 43 7 1 494	19 43 176 1 768	31 58 726 1 005	14 39 196 1 068	14 98 456 4 786	11 55 194 886	20 22 397 545	21 16 (D) (D)
Cropland in cultivated summer fellowfarms, 198 198 ecres, 198 198	320	3 4 195 58	18 8 1 574 240	5 4 216 230	4 5 425 373	6 11 237 494	6 5 244 226	9 1 (D) (D)
Cropland idle	2 241 7 39 866	360 176 24 073 4 551	620 349 44 107 11 252	340 151 21 105 3 106	223 139 16 775 3 365	553 167 35 882 3 999	355 95 19 840 2 013	541 285 34 169 6 369
Total woodlandfarms, 198	? 76 ? 1 875	208 250 6 465 8 145	313 314 11 829 8 631	191 221 6 459 7 472	214 210 12 335 10 620	67 90 3 168 2 482	165 175 6 312 5 834	107 144 2 419 4 920
Woodlend pesturedfarms, 198 188 acres, 198 198	23	85 114 2 425 2 834	179 174 5 870 4 265	110 125 3 989 4 328	126 140 7 470 6 543	35 58 1 848 1 765	88 95 3 344 3 210	72 92 1 542 4 190
Woodland not pesturedfarms, 198 198 acres, 198 198	2 60 739	148 158 4 040 5 311	189 178 5 959 4 366	94 127 2 470 3 144	107 116 4 865 4 077	35 41 1 320 717	93 99 2 968 2 624	49 56 877 730
Other landfarms, 198	2 892 7 16 993	786 899 18 290 25 635	1 292 1 517 43 941 55 272	861 986 33 395 43 599	590 669 47 649 57 351	827 959 34 563 33 002	766 885 13 779 19 306	935 1 067 26 507 30 887
Pesturelend and rangeland other than cropland and woodland pastured	2 90 / 2 449	168 249 5 426 10 366	280 274 12 685 11 395	252 293 14 956 18 980	191 235 28 305 35 441	173 233 17 600 11 726	179 208 4 565 6 583	159 152 7 041 6 245
Land in house lots, ponds, roeds, wasteland, etcfarms, 198 acres, 198 198	2 878 ' 14 544	757 865 12 864 15 269	1 238 1 470 31 256 43 877	812 959 18 439 24 619	546 628 19 344 21 910	808 935 16 963 21 276	743 853 9 214 12 723	907 1 038 19 466 24 642
Pesturelend, ell typesferms, 198 199 ecres, 198 198	2 291 8 491	420 526 17 635 22 517	880 1 008 52 235 55 673	682 803 59 509 66 574	552 642 106 177 118 430	410 563 31 578 28 361	488 563 17 913 18 448	607 713 30 300 37 236
Cropland diverted under annual commodity acreage adjustment programs	2 257 7 48 577	526 225 29 511 3 650	1 063 401 65 157 8 475	721 281 34 359 4 832	379 205 13 320 2 981	805 215 44 613 4 227	632 73 32 273 1 340	876 348 49 303 5 351
Croplend placed under the conservation reserve programtarms, 198 acres, 198		33 1 199	54 4 621	115 9 697	145 20 626	49 2 832	14 846	58 4 407

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982-Con.

All Farms	Sioux	Story	Tame	Teylor	Union	Van Buran	Wapello	Warren
LAND IN FARMS ACCORDING TO USE—Con.						·	·	
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 1987 1982 acres, 1987 1982	22	6	16	33	26	28	11	41
	22	35	91	115	40	63	77	97
	319	(D)	408	735	(D)	394	108	924
	125	(D)	2 798	2 931	(D)	2 166	(D)	3 231
Cropland in cultivated summer fallowfarms, 1987	9	6	7	9	1	9	6	10
1982	3	1	13	11	6	13	3	11
ecres, 1987	473	(D)	423	449	(D)	548	82	227
1982	57	(D)	326	322	(D)	367	(D)	458
Cropland idlefarms, 1987	932	541	510	233	225	202	210	317
1982	247	272	284	203	124	143	144	195
acres, 1987	53 484	36 647	35 983	19 102	17 017	13 235	10 399	16 160
1982	6 166	6 287	7 504	6 376	2 993	3 676	3 554	6 310
Total woodlandfarms, 1987	64	182	346	223	166	442	397	500
1982	81	206	365	226	185	484	447	475
acres, 1987	1 923	6 387	16 660	10 263	8 744	38 263	16 526	21 612
1982	1 782	8 001	16 448	10 558	9 218	43 781	23 032	22 174
Woodland pasturedfarms, 1987	29	94	200	138	106	291	219	307
1982	24	125	236	143	116	313	255	269
acres, 1987	1 181	3 472	9 104	6 145	6 287	24 725	7 793	11 790
1982	933	5 721	11 521	6 258	5 939	26 925	13 145	13 763
Woodland not pasturedfarms, 1987	40	103	194	118	90	234	239	273
1982	61	96	171	119	101	261	265	291
ecres, 1987	742	2 915	7 556	4 118	2 457	13 538	8 733	9 822
1982	849	2 280	4 927	4 300	3 279	16 856	9 887	8 411
Other landfarms, 1987	1 583	892	1 102	658	559	659	748	1 073
	1 741	989	1 259	780	660	712	799	1 170
	31 724	18 202	32 930	51 456	47 752	40 950	32 760	46 959
	38 803	22 652	48 105	51 394	49 943	44 587	28 725	57 983
cropland and woodland pesturedferms, 1987 1982 ecres, 1987 1982 Land in house lots, ponds, roads,	235 272 8 593 9 386	173 168 5 602 5 594	276 334 12 943 22 912	265 291 29 785 27 773	229 247 35 431 34 970	277 287 26 481 27 218	296 271 18 542 14 835	380 435 26 567 32 869
wasteland, etcfarms, 1987_	1 532	869	1 060	614	516	619	704	1 011
1982	1 690	969	1 209	735	620	675	778	1 141
acres, 1987	23 131	12 600	19 987	21 671	12 321	14 469	14 218	20 392
1982	29 417	17 058	25 193	23 621	14 973	17 369	13 890	25 114
Pastureland, all typesfarms, 1987 1982 acres, 1987 1982 Cropland diverted under annual commodity	635 733 23 968 25 294	410 470 16 662 20 027	767 903 50 806 64 989	608 697 82 711 86 108	526 588 86 590 88 951	576 654 80 010 93 807	623 671 50 318 58 310	953 1 006 84 777 92 280
acreage adjustment programs	1 275	773	927	443	358	424	383	574
	220	319	379	252	170	179	161	232
	59 559	45 231	50 995	19 073	13 025	14 521	16 099	23 590
	3 627	5 577	6 853	4 780	2 449	2 669	2 768	4 073
reserve program	49	53	107	151	101	114	65	76
	5 310	2 422	8 901	21 865	13 818	11 631	5 214	4 698

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

All Farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
LAND IN FARMS ACCORDING TO USE—Con.						,		
Total cropland-Con. Other cropland-Con. Cropland on which all crops failedfarms, 1987	40 495	9 101 139 5 081	23 43 1 285 572	8 50 99 413	18 47 397 1 009	8 18 126 389	7 38 2 8 2 353	8 51 514 870
Cropland in cultivated summer fallow farms, 1987. 1982. acres, 1987. 1982.	936	8 12 343 496	5 5 183 147	14 33 513 708	26 6 1 092 573	10 10 1 152 438	7 13 114 199	13 3 729 22
Cropland idla	166 27 531	235 181 19 076 5 761	712 291 47 002 8 005	380 268 26 478 5 878	424 199 24 482 4 289	607 318 56 668 9 6 89	320 242 26 733 6 667	522 211 41 785 5 107
Total woodland	. 406 . 16 025	202 257 10 426 14 923	187 211 13 583 13 731	121 132 2 662 1 654	800 832 37 755 40 494	209 259 8 424 10 771	120 148 1 964 2 717	94 113 3 014 4 206
Woodland pasturedfarms, 1997. 1982. acres, 1982. 1982.	. 242 6 812	129 153 6 648 9 124	95 130 7 573 7 240	64 82 1 352 928	499 576 21 748 26 404	96 143 5 246 6 930	64 76 973 1 614	36 68 1 284 2 871
Woodland not pastured	. 242 9 213	100 140 3 778 5 799	113 121 6 010 6 491	78 84 1 310 726	500 466 16 007 14 090	131 136 3 178 3 841	68 89 991 1 103	67 63 1 730 1 335
Other landfarms, 1987. 1992. acrae, 1987. 1982.	. 1 015 26 913	614 689 52 981 51 164	901 956 18 867 25 672	579 720 15 207 19 8 55	1 361 1 443 38 569 49 705	1 068 1 283 44 010 52 959	538 656 14 138 18 170	673 838 17 842 25 044
Pastureland and rangeland other than cropland and woodland pasturedfarms, 1987_ 1982_ acres, 1987_ 1982_	260 11 076	243 251 36 282 32 032	104 111 4 302 6 241	98 119 3 107 3 620	486 507 19 614 22 308	279 294 18 508 20 8 61	89 120 3 092 3 627	82 98 3 002 3 387
Land in house lots, ponds, roads, wasteland, etc	. 965 . 15 737	562 652 16 699 19 132	982 927 14 565 19 431	565 708 12 100 16 235	1 268 1 387 18 955 27 397	1 012 1 240 25 502 32 098	521 643 11 046 14 543	660 832 14 840 21 657
Pastureland, all types	. 742 . 42 072	590 616 106 355 97 557	313 397 17 889 19 565	216 277 7 622 8 822	1 198 1 323 7 9 342 88 712	730 926 59 619 68 470	246 302 10 129 10 281	213 279 8 935 10 2 2 1
Cropland divarted under annual commodity acreage adjustment programs	217 40 074	417 176 16 593 3 416	943 274 55 010 4 817	578 301 34 102 5 778	854 254 29 579 3 795	834 355 59 384 8 402	503 288 32 161 5 793	733 219 48 514 4 107
Cropland placed under the conservation reserva program farms, 1997 acras, 1987	. 64 4 845	168 22 687	35 2 073	104 7 680	188 15 776	145 22 359	118 7 798	50 3 468

Data are based on a semple of farms, see text.

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982

Farms with harvested crop	pland	lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Banton
Farmaacre	numbar, 1987 1982 s harvasted, 1987 1982	92 878 103 644 20 484 178 24 137 670	859 963 196 940 217 307	587 862 115 592 142 514	928 1 021 140 120 171 287	781 794 94 539 98 079	721 820 172 811 207 827	1 276 1 434 301 315 352 554
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm: 1 to 9 acras	tormo	1 272	ا			_		
10 to 49 acres	acras harvested	1 373 4 938 7 873	5 11 48	8 23 28	7 19 38	7 21 69	14 60 35	18 53 94
50 to 69 acras	acras harvasted farms	126 800 2 463	807 19	403 11	608	1 073 32	532 11	1 881 34
70 to 99 acres	acras harvested farms	84 171 6 397	762 53	188 35	578 37	836 82	320 42	1 172 84
100 to 139 acres	acres harvasted	324 340 6 699	2 183 58	1 648 35	1 569 76	2 948 72	2 203 54	4 387 74
140 to 179 acres	acres harvested farms acres harvested	479 587 10 135	9 713 95	2 007	4 400 98	3 275 68	4 034 78	5 610 145
180 to 219 acres	farms	1 044 568 6 344	8 591 50	3 249	7 884 95	4 004	7 501 50	16 342 103
220 to 259 acras	acras harvested acres harvested acres harvested	794 890 6 979 1 091 180	5 941 64 8 283	3 379 39	8 887 81	5 325 51	6 278	14 012 111
260 to 499 acres	acres harvested acres harvested	25 092 6 045 183	241 48 920	5 545 171 30 601	11 462 319 53 661	4 168 152 22 457	7 080 239 59 429	19 786 355
500 to 999 acres		15 812 7 115 018	173 67 568	146 48 239	113	117	120	82 726 215
1,000 to 1,999 acres	acres harvasted	3 391 2 862 824	43 31 686	30 (D)	32 774 35 (D)	34 105 28 14 850	54 763 24 22 578	105 251 41 (D)
2,000 acres or more		320 510 679	10 18 475	(D)	(D)	1 377	7 833	(D) (D)
1982 size of farm: 1 to 9 acres		1 648	4	3	5	э	8	21
10 to 49 acres		6 146 9 119	49	17 33	18 38	15 98	24 52	81 123
50 to 69 acres	acras harvested acras harvested acras harvested	161 481 2 768 106 811	1 034 22 851	461 10 340	525 24	1 818 35	724 18	2 246 29
70 to 99 acres	farms	7 124	59	29	906 49	859 80	676 49	1 144 72
100 to 139 acres	acras harvested farms acras harvested	413 979 7 577	3 294 55	1 338 51	2 526 66	3 127 62	2 665 61	4 326 89
140 to 179 acras	acras harvested	634 220 11 724 1 407 441	3 590 110 11 667	3 492 58 5 279	4 698 108 9 900	3 104 67	5 258 109	7 589 170
180 to 219 acres	farms	7 649	65	50	106	4 208 78	12 989 54	21 840 103
220 to 259 acres	acras harvested acras harvested	1 112 869 8 699 1 567 561	8 206 84	5 514 44	11 470 100	5 943 58	8 268	15 831 159
260 to 499 acras	acres harvested	29 429 8 122 130	12 951 287 67 146	6 124 199 41 309	12 679 342 62 684	5 869 170 27 784	11 133 272 75 225	30 886 430
500 to 999 acres	farms	14 807	186	164	146	120	110	127 526 204
1,000 to 1,999 acras	acras harvestad farms acras harvestad	7 359 062 2 792 2 643 971	78 102 39 27 702	65 176 19	44 908 35	34 030 21	56 073 21	107 20 8
2,000 acres or more	acras harvastad farms	308 601 999	2 758	(D) 2 (D)	(D) 2 (D)	(D) 2 (D)	23 787 4 10 800	(D) 1 (D)
ARVESTED CROPLAND BY ACRE	ES .				(5)	(5)		(0)
1987 acres harvasted:								
1 to 9 acres	acras	4 624 23 646	20 99	30 132	189	45 279	33 183	42 205
10 to 19 acres	acres	4 100 56 036	32 450	12 153	32 426	84 858	21 273	50 678
20 to 29 acras	acras	3 360 79 443	33 765	31 733	29 679	67 1 532	18 456	38 845
30 to 49 acres	acras	5 464 210 066	55 2 165	47 1 761	78 3 047	110 4 212	97 1 509	72 2 756
50 to 99 acres	acras	13 956 1 016 312	138 10 289	6 867	196 14 850	180 12 257	114 8 451	160 11 892
100 to 199 acras	acres	23 454 3 385 193	32 450	147 21 456	320 45 712	150 21 186	171 24 595	338 48 944
200 to 499 acres	acres	29 005 9 062 600	264 78 298	187 57 361	205 57 204	120 37 590	254 79 883	435 136 131
1,000 acres or more	acres	7 723 5 066 459	46 739	21 820 21 820	28 (D)	24 (D)	36 040	128 80 930
1982 acras harvested:	acres	1 192 1 584 423	25 685	5 309	(D)	(D)	21 211	15 17 834
1 to 9 acras	acres	4 687 23 846	17 73	22 130	28 143	28 173	36 185	57 24 5
10 to 19 acras	acres	4 111 55 469	30 448	17 242	23 318	76 884	18 253	46 639
20 to 29 acras	acres	2 987 70 384	17 409	23 560	25 574	61 1 398	18 445	34 811
30 to 49 acres	acres	5 407 205 758	49 1 968	32 1 197	56 2 250	115 4 379	29 1 116	65 2 383
50 to 99 acras	acres	13 768 1 005 760	137 9 916	105 7 834	201 14 784	185 13 018	105 7 884	138 10 217
100 to 199 acres	acres	26 637 3 874 095	289 41 962	174 25 259	396 55 930	172 24 273	215 30 716	367 54 461
200 to 499 acres 500 to 999 acres	acras	35 830 11 120 278	105 389	76 011	260 75 698	141 42 363	96 482	585 181 574
1,000 acres or more	acras	8 729 5 706 842 1 488	72 46 558	45 (D)	30 (D)	17 (D)	42 988 17	123 79 479 19
	acras	2 075 238	10 584	(D)	(D)	(a)	17 27 438	22 745

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982-Con.

Ferms with harve	ested croplend	Black Hawk	Boone	Bremer	Buchanen	Buena Vista	Butler	Calhour
Farma	number, 1987 1982 acres harvested, 1987 1982	1 125 1 210 223 324 257 275	938 1 049 245 517 275 122	985 1 156 168 763 201 291	1 198 1 273 236 312 275 747	996 1 099 264 594 309 121	1 115 1 290 229 095 273 765	927 1 082 283 491 306 918
HARVESTED CROPLAND B	Y SIZE							
1987 size of ferm:	farms	49	40	20	45			
	acres hervested	174 165	18 69 94	26 86	15 64	31	22 87	36
	ecres harvestad	2 953 39	1 580	124 1 936	2 173	42 616	100 1 685	1 080
	acres harvested	1 597	24 772	38 1 311	1 250	11 429	10 292	16 57
70 to 99 acres	ecres harvested	121 6 750	76 3 921	79 4 309	116 5 999	64 3 772	70 3 807	6- 3 76
	acres harvastad	74 5 927	77 5 786	129 10 572	159 12 481	47 4 126	90 7 434	3 97
140 to 179 acras	acras harvested	137 15 713	76 8 681	130 14 855	165 17 810	136 15 771	150 16 558	11 110
180 to 219 acres		69	59	80	72	45	80	50
220 to 259 acres	ferms	10 053 56	8 042 52	11 427 78	9 947	6 652 85	11 462 120	7 331 60
260 to 499 ecres	acres hervested farms	9 604 230	8 224 234	13 194 205	11 716 248	14 997 323	19 639 295	11 268 287
500 to 999 acres	acres harvested	60 993 151	63 057 179	53 330 78	65 266 163	90 265	75 773 155	81 887 204
1,000 to 1,999 ecres	acras hervested	74 520 33	92 930 45	39 115 18	77 467	97 764 28	70 792	103 972 32
2,000 acres or more	ecres harvested	(D)	45 167	18 628	(Ď)	(D)	23 21 566	33 449
1982 size of farm:	acres harvastad	(D)	7 288		(D)	(D)	-	5 042
1 to 9 acres		47	29	35	17	13	26	23
10 to 49 acres		178 178	102 105	122 132	80 133	45 57	103 142	89 87
50 to 69 ecres		3 409 52	1 741 27	2 387 39	2 438 52	1 144	2 473 36	1 751 19
70 to 99 ecres	acres harvested	2 551	1 154 69	1 586 138	2 241	344 60	1 635	854
100 to 139 acras	acres harvastad	8 794 99	4 299	9 245	6 138	4 036	80 5 154	62 4 449
	acras harvested	9 549	7 366	148 13 445	145 13 118	52 5 136	111 10 578	71 7 108
140 to 179 acres	acres harvested	140 18 331	104 13 229	144 17 893	177 21 840	159 21 697	175 22 698	100 13 653
180 to 219 acres	aarea baareatad	76 12 911	83 12 961	113 17 396	101 16 166	52 8 824	92 14 376	64
220 to 259 ecres	acres harvested	79	53	84	91	114	148	11 041 80
260 to 499 acres	farms	15 525 244	10 725 292	16 359 (238	18 0 78	24 260 382	28 929 355	16 774 370
500 to 999 acres	acres harvested	74 245 135	92 104 171	68 688 74	93 705 118	121 395	104 607	120 353 178
1,000 to 1,999 acras	acres harvested	76 281 22	92 675 32	40 284	65 883 28	99 638	56 782 19	99 760
2,000 acras or more	acres harvested	24 316	32 291	(D)	29 929	(D)	(D)	27 (D)
2,000 40140 07 11010 1111111	acras harvested	11 185	6 475	(D)	6 131	(D)	(D)	(D)
HARVESTED CROPLAND B HARVESTED	Y ACRES							
1987 acres harvested:								
1 to 9 acres	acres	91 431	50 228	71 358	46 260	32 154	64 342	37 211
10 to 19 ecres	acres	60 778	56 765	63 844	48 671	10 132	36 499	14 217
20 to 29 acres	acres	50 1 166	27 640	35 850	47 1 146	170	27 615	15 359
30 to 49 ecres		90	53	56	81	29	40	31
50 to 99 acres		3 457 177	2 037	2 159 183	3 212 267	1 163 119	1 631 164	1 174 101
100 to 199 acres		12 560 269	9 566 191	13 697 294	19 698 297	8 801 251	12 433 360	7 1 11 209
200 to 499 acres	acres	37 988 289	27 563 284	41 984 227	41 222	36 537	52 411	29 815
500 to 999 acres	acres	92 528	92 339	67 427	103 462	144 916	108 977	383 123 993
	acres	85 55 616	78 592	31 279	78 50 955	90 59 492	43 736	75 060
1,000 acras or more	acres	18 800	25 33 787	10 165	13 15 686	13 229	8 451	20 25 551
1982 acres hervested: 1 to 9 acres		90	70	70	55	30	79	44
10 to 19 ecres	acres farms	427 62	336 41	334 58	300 48	149 20	414 47	218 32
20 to 29 acres		835 38	520 24	782 30	652 46	268 13	602 21	425 13
30 to 49 ecres	acres	865 87	577	707	1 072	299	476	311
50 to 99 acres	ecres	3 259	1 836	2 461	2 380 2 380	21 779	2 210	33 1 202
	acres	195 13 951	9 104	18 111	220 15 943	6 820	156 11 347	104 7 726
100 to 199 acres	acres	288 41 298	223 32 395	340 47 455	345 49 100	251 36 316	383 54 793	214 30 985
	farms	330	382	295	399	547 175 753	459	488 158 102
	acres	102 765	125 894	88 802	125 992	1/3 /33	135 586	
500 to 999 acres 1,000 ecres or more	acres	102 765 99 63 385	125 894 119 77 468 20	49 31 453	75 49 392	115 74 688	70 45 226	137 86 739

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982-Con.

Farms with har	rvested croplend	Carroll	Cass	Ceder	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farma	number, 1987 1982 acras harvasted, 1987 1982	1 164 1 248 270 392 300 937	834 964 213 323 248 427	1 012 1 172 230 081 281 855	847 945 233 423 281 033	979 1 095 230 141 262 179	953 1 051 187 589 232 837	586 677 93 996 114 076
HARVESTED CROPLAND OF FARM	BY SIZE							114 070
1987 size of farm:	farms							
	ecres harvested	10 44 86	10 26 45	22 84 60	21 102 103	9 31 74	17 82 77	4 11 38
50 to 69 ecres	ecres harvested farms	1 207 17	765 11	980 19	1 428 18	1 377 10	1 341	679
70 to 99 acres	acres harvasted	747	411	628	886	398	1 027	14 527
100 to 120 cores	acres harvested.	3 094	58 3 146	65 3 422	51 2 972	58 3 365	87 4 79 8	40 1 513
	acres harvasted.	97 8 631	48 3 114	61 5 029	35 2 913	49 3 815	86 5 793	43 1 801
140 to 179 ecres	acres harvested	148 17 615	86 8 607	128 15 157	71 8 185	96 10 902	108	61
180 to 219 acres	acres harvasted	87	65	72	37	66	11 358 78	4 305 37
220 to 259 ecres	farms	12 580 125	6 214 72	9 928 68	5 469 55	9 533 75	9 967	3 017 42
260 to 499 ecres	acres harvasted farms	22 651 362	10 543 221	11 328 310	9 559 226	13 184 341	10 835 257	5 117
	acras hervested farms	96 557	53 075	79 693	59 853	88 692	61 029	158 23 321
	acras hervasted I	174 83 657	80 052	179 80 467	186 93 266	170 75 538	118 57 993	116 31 595
	acras harvested.	25 23 609	47 39 381	27 (D)	39 38 121	31 23 306	20 (D)	29 16 026
	ecres harvested	-	7 989	(D)	10 869	25 500	2	4
1982 size of farm:	farms	12				-	(D)	6 084
	acras harvested	29	12 26	17 81	18 64	16 51	26 99	8 33
	cores hervested	56 1 090	1 131	94 1 885	113 1 933	77 1 485	105 1 967	58 983
50 to 69 ecres	ecres harvested	1 087	1 049	26 1 081	20 811	12 471	34	16
70 to 99 acras	farms	60	54	76	56	62	1 442	473 48
100 to 139 acres	acras harvasted farms	4 097 97	2 722 60	4 887 96	3 785 52	3 753 63	4 970 106	2 010
	acres harvasted farms	9 402 191	4 575 89	9 229 160	5 329	5 759	9 362	61 3 465
	acres harvasted	25 499	9 735	21 468	11 657	129 17 317	130 15 925	75 6 170
180 to 219 acres	ecres harvested	125 20 548	9 299	100 16 567	62 10 505	94	93	37
	acres harvested	138	102	97	80	14 510 90	13 998 78	4 054 51
260 to 499 acres	farms	392	16 818 272	19 078 333	16 619 269	17 358 383	15 108 266	5 447 173
500 to 999 acras	acres harvested	116 585 134	72 770	99 742	86 151	110 422	75 212	30 633
	acras harvastedfarms	69 644	181 87 786	74 412	80 978	151 75 724	98 53 780	125 40 415
	acres harvasted	19 (D)	32 29 634	32 33 425	42 46 176	18 15 329	30 33 007	22 14 858
2,000 acres or more	acras harvasted	(D)	10 882	-	17 025	=	3 7 967	3 5 535
HARVESTED CROPLAND I	BY ACRES							
1987 acras harvested:								
1 to 9 acres	farms acres	27 148	24 109	46	69	31	50	19
10 to 19 scras	farms	29	30	215 30	373 37	141 23	280 39	106 37
20 to 29 scres		387 14	412 21	417 24	508 19	316 23	556 37	515 32
30 to 49 acres	acres farms	330	538	566	457	533	850	742
50 to 99 acres	acras	32 1 224	37 1 509	36 1 366	34 1 320	40 1 575	64 2 507	66 2 451
	acras	143 10 790	128 9 665	134 10 218	72 5 255	112 8 172	166 12 08 8	127 9 062
100 to 199 acres	ecras	371 54 386	207 29 939	283 41 472	190	252	276	154
200 to 499 acres	farms	454	271	373	28 310 298	38 026 418	40 227 249	23 167 127
500 to 999 ecres	acres	138 023 84	84 578 100	116 775 81	95 817	129 102	76 373	38 423
	acres farms	53 479	66 370	52 962	71 380	48 715	44 33 <u>0</u>	21 13 325
1982 ecres harvested:	acras	10 11 625	20 203	6 090	30 003	3 3 561	7 10 378	3 6 205
1 to 9 acras	farms	31	34	42	65	40	56	26
10 to 19 acres	Bcras farms	141 12	150 35	224 27	349 33	166 24	272	119
	acres farms	147	443 18	348	437	321	40 578	42 572
	ecres	322	439	38 906	15 359	19 447	27 637	26 611
	farms ecras	35 1 316	38 1 478	41 1 588	41 1 565	40	58	73
50 to 99 acres	farms	122 9 199	123	125	74	1 497 100	2 250 157	2 724 150
100 to 199 acres	farms	418	8 923 254	9 096 354	5 401 197	7 361 309	11 157 306	10 939 164
200 to 499 acres	acres farms	60 971 525	36 881 348	51 638 433	29 247 375	45 961 470	43 973 323	24 002 162
500 to 999 ecres	acres	159 983 79	109 486	134 178 98	120 351	145 129	98 093	48 147
1,000 acres or more	ecres	50 926	60 140	65 708	73 617	55 87 <u>6</u>	60 42 627	28 17 207
	ecres	17 932	28 507	14 18 169	34 49 707	5 5 421	24 33 250	6 9 755
						- 1		

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

Farms with harves	sted cropland	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms	number, 1987 1982 acres harvasted, 1987 1982	796 957 229 226 289 863	1 608 1 563 240 158 264 830	1 256 1 394 258 502 321 273	1 128 1 349 264 366 311 178	947 1 079 223 550 272 553	795 847 107 597 138 324	581 887 97 184 131 493
HARVESTED CROPLAND BY								
1987 size of farm:				20	44	24	6	4
1 to 9 acres	acres narvested	14 48	17 59	20 74	14 43	107	16 72	23 33
10 to 49 acres	acres harvasted	48 835	91 1 586	118 1 806	82 1 472	149 2 148	1 145	543
50 to 69 acres	acres harvested	232	43 1 510	28 1 116	21 778	36 1 086	29 811	13 366
70 to 99 acres	farms	47	93	89 5 262	64 3 255	89 4 311	83 2 745	46 1 556
100 to 139 acras	acres harvested	2 603	4 548 130	108	58	66 4 120	80 3 967	41 1 462
140 to 179 acres	acres harvasted	3 036 89	8 806 182	8 726 140	4 694 126	75	84	54 3 294
	acras harvested	9 732	16 091 187	14 699	13 122 76	7 414 52	5 095 65	3 284
180 to 219 acres	acres harvested	5 506	18 178 141	15 100 93	9 901 104	6 447 54	4 896 54	2 716 33
220 to 259 acres	acres harvestad	8 033	19 205	15 692	16 751 329	8 153 183	5 128 168	2 388 141
260 to 499 acres	acres harvested	243 64 067	424 81 164	82 209	80 913	45 145	24 860	19 998
500 to 999 acres	farms	192 98 498	193 70 092	185 87 230	209 91 997	160 78 120	118 32 265	121 31 780
1,000 to 1,999 acres	acres harvestad	33	24	29 26 588	42 37 025	51 49 245	28 17 380	38 (D)
	acres harvasted farms	(D)	16 090	-	3	17 254	9 289	15 (D)
1982 size of farm:	acras harvestad	(D)	2 829	-	4 415			
1 to 9 acres	acras harvastad	13 39	10 51	26 96	15 53	20 87	5 22	6 28
10 to 49 acres	ecras harvestad	66 1 236	93 1 602	133 2 621	99 1 922	170 2 953	65 1 128	44 677
50 to 69 acras	farms	12	1 392	31 1 215	41 1 635	38 1 451	32 857	13 312
	acres harvasted	663 55	109	86	82	95	78	52
	acres harvested	3 747 50	5 496 137	5 595 138	4 849 80	5 531 73	3 168 117	2 039 45
	acras harvasted	5 080	9 913	13 184 154	7 212 137	5 798 83	7 043	2 171 64
140 to 179 acres	acres harvested	105 13 664	194 19 041	19 894	15 977	10 668	5 248	4 673
180 to 219 acres	farms	48 7 495	201 23 814	128 20 012	108 15 946	54 7 475	59 5 150	35 3 104
220 to 259 acras	acres harvested	79	137	111 21 711	133 23 323	73 13 581	65 6 456	45 4 690
260 to 499 acres	acras harvestad farma	15 552 305	18 594 442	386 113 071	423 111 481	250 74 203	173 30 402	189 33 020
500 4- 000	acres harvested	92 881 187	95 857 170	165	198	175	129	119
	acres harvasted	109 540	65 132 30	87 502 36	97 403 31	91 998 42	43 802 39	36 858 41
	acras harvastad	(0)	(D)	36 372	(D)	45 720	28 641	26 906 14
2,000 acres or more	acres harvested	(D)	(D)	-	(D)	13 088	4 407	17 015
HARVESTED CROPLAND E	BY ACRES							
1987 acres harvested:		20	E2	56	45	86	43	25
1 to 9 acres	acres	30 139	52 266	272	230 35	469 88	234 65	15° 48
10 to 19 acres	acras	18 242	68 975	55 746	480	1 181	837 63	600 54
20 to 29 acres	acres	16 391	64 1 515	32 803	32 744	56 1 314	1 453	1 24
30 to 49 acres	farms	21	106	56 2 121	54 2 179	60 2 277	101 3 800	57 2 149
50 to 99 acres	acras farms	830 95	4 015 331	218	153	130 9 265	210 14 609	125 8 814
100 to 199 acres	acres	6 814 177	24 481 473	15 730 356	11 770 303	156	169	11: 15 93:
	acres	25 580	67 507	50 988	44 664 397	22 311	23 845 109	13 93
	acres	311 101 312	360 103 495	118 581	124 317 95	74 221 102	33 685 27	36 6 59
500 to 999 acres	acres	110 71 737	47 29 478	56 765	62 167	68 059	18 148	17 72
1,000 acres or more	ecras	17 22 181	8 426	12 496	14 17 815	44 453	10 986	13 90
1982 acres harvested:	farms	30	34	58	51	84	29	.2
	acres	127 22	186 61	280 47	278 32	470 73	166 57	14 4
10 to 19 acras	acres !	301	826 52	618 40	472 34	996 42	775 53	65 3
20 to 29 acres	acres	22 521	1 241	908	806	997	1 252	68
30 to 49 acres	farms	20 771	107 4 133	61 2 262	59 2 272	76 2 949	101 3 810	2 07
50 to 99 acres	farms	90	320 23 540	172 12 813	172 12 911	134 9 776	219 15 378	8 20
100 to 199 acres	acres farms	6 649 219	532	415	377	187 27 245	183 26 245	17 23 94
	acres farms	32 294 387	75 010 397	60 698 472	55 740 498	336	151 45 884	16 50 29
	acres farms	122 845 149	116 069 53	149 238 109	150 408	108 008	45	4
	acres farms	102 300	35 289 7	71 131 20	72 557 12	80 350 28	30 888	26 33 1
1,000 acres or more	acres	24 045	8 336	23 325	15 734	41 762	11 926	19 15

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982-Con.

Farms with h	ervested cropland	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Fłoyd	Franklin
Farms	number, 1987 1982 acres harvested, 1987 1982	1 315 1 368 242 896 275 074	688 719 133 157 160 882	534 598 151 322 186 783	1 469 1 549 206 360 223 575	553 665 165 963 207 784	1 353 1 493 279 159 330 393	888 1 001 215 365 253 591	900 1 065 251 619 309 260
HARVESTED CROPLAN	D BY SIZE								
1987 size of farm:	ferms	44					_		
	ecres harvested farms	14 59 68	23 89 77	6 15 44	23 84 119	9 29	21 76	21 87	13 56
	acres harvested	1 124	1 140 32	524	2 027	32 (D)	1 418	92 1 603	41 733 16 626
	acres hervested	953	985	9 254	54 1 994	11 478	31 1 114	28 943	16 626
	ecres harvested.	81 4 584	2 709	49 2 767	82 4 500	22 1 145	100 5 896	67 3 782	48 2 756
	acres harvested.	126 10 233	64 4 197	19 1 515	164 12 277	14 1 076	117 8 999	60 4 645	53 4 491
140 to 179 acres	ecres hervested_	233 26 924	67 5 954	45 5 302	271 28 745	5 031	170 17 916	84 8 896	87 9 915
180 to 219 acres	acres harvested	148 20 814	46 5 265	13 1 744	215 29 304	24 3 052	123	52	51
220 to 259 acres	acres hervested	131 22 358	42 6 004	5 520	124 19 439	32	15 328 115	7 553 67	7 431 77
260 to 499 acres	acres harvested_	338 82 128	160 36 944	164 43 767	321	5 653 194	18 191 389	12 046 221	13 422 285
500 to 999 acres	farms	125	89	119	68 329 86	52 384 145	95 783 154	59 001 161	74 523 188
1,000 to 1,999 acres	acres harvested farms	55 218 22	41 275 24	59 529 34	31 567 9	71 104	70 591 46	80 689 31	96 339 37
2,000 acres or more	acres hervested farms	18 501	19 169 5	30 385	(D) 1	(D) (D) 2	38 947 3	29 112	32 412 4
1982 size of farm:	acres harvested	-	9 426	-	(D)	(D)	4 900	7 008	8 915
	acres harvested.	20 76	17 74	9 34	19 70	9 29	20 82	22 87	19 70
	acres hervested	75 1 415	91 1 295	40 678	145 2 301	39 618	131 2 426	120 2 336	64 1 308
	acres harvested.	31 1 377	31 979	13 575	50 1 943	18 743	35 1 528	40 1 540	22 933
	acres harvested	87 5 099	60 2 999	30 1 789	104 5 800	25 1 543	111 6 996	70	59
	acres harvested	122 11 057	64 5 127	27 2 604	151 12 698	25	131	4 598 75	4 027 51
140 to 179 acres	acres harvested	252 32 841	67 7 805	66 9 097	277 31 183	2 671 76 76 10 351	10 984 180	7 165 103	4 975 109
180 to 219 acres	farms	153	63	24	241	28	20 450	13 412	15 140 80
220 to 259 ecres	acres harvested farms	23 835 154	8 690 44	3 764 41	33 583 144	4 811 36	21 455 117	10 222 75	13 491 98
260 to 499 acres	acres harvested farms	28 349 333	7 364 174	8 043 197	23 820 326	7 455 249	21 639 402	14 752 262	20 311 370
500 to 999 acres	acres harvested	92 406 126	45 747 84	62 383 120	73 702 84	81 712 146	110 407	82 158	113 045
	acres harvested farms	64 281 15	43 273 20	66 608 30	31 335	81 662	175 87 841	79 425	159 89 107
	acres harvested farms	14 338	17 472	(D)	(D)	10 775 3	40 417	29 (D)	28 31 654
	acras harvested	-	20 057	(D)	(D)	5 414	6 168	(D)	15 199
HARVESTED CROPLAND HARVESTED	D BY ACRES					į			
1987 acres harvested:									
	acres	36 203	63 318	28 131	70 335	24 101	54 242	51 249	28 145
10 to 19 acres	acres	39 533	46 635	16 212	54 784	15 166	43 582	37 522	17 244
	acres	35 822	32 756	20 458	56 1 3 6 6	209	42 984	37 899	17 399
	acres	49 1 878	47 1 798	23 888	91 3 536	19 768	56 2 179	45 1 756	19 7 5 3
	farms acres	213 15 725	129 9 272	50 3 742	297 22 071	34 2 394	254 19 000	123 8 781	99 7 320
100 to 199 acres	farms acres	512 73 961	153 22 173	99 14 630	609 86 718	108 15 500	410 59 348	186 27 005	226 33 115
200 to 499 acres	farms	370	157	212	271	257	388	300	355
500 to 999 acres	acres farms	107 068 58	49 553 53	68 764 73	75 869 18	83 452 77	117 736 95	94 131 95	108 921 127
1,000 acres or more		39 343	35 691 8	47 282 13	11 431 3	49 053 11	64 866 11	63 337 14	81 827 12
1982 acres harvested:	acres	3 363	12 961	15 215	4 250	14 320	14 222	18 685	18 895
	farms acras	34 178	56 311	20 108	66 346	22 93	56 255	59 323	40 181
10 to 19 acres	acres	38 486	50 664	20 279	69 924	15 180	50 711	39 572	17 235
20 to 29 acres	acres	34 828	32 749	11 253	50 1 162	13 316	46 1 100	31 714	13 317
30 to 49 acres	acres	60 2 260	45 1 686	12	93	18	83	60	33
50 to 99 acres	farms acres	171 12 866	102	410	3 514 293	684 37	3 183 222	2 250 120	1 232 98
100 to 199 acres	farms	528 77 014	7 505 176	3 471 122	21 935 632	2 726	16 490 437	8 916 223	7 278 235
200 to 499 acres	acres farms	422	25 810 189	17 910 255	89 782 325	18 806 322	62 931 466	33 098 349	35 591 487
500 to 999 acres	acres farms acres	126 193 77	58 268 60	83 850 89	90 650	107 021 102	143 844	113 311	149 706 120
1,000 acres or more	farms	49 813 4 5 436	39 239	56 535 20	10 400	66 133 8	68 789 26	65 086 21	78 079 22
	acres	5 436	26 650	23 967	4 882	11 825	33 090	29 321	36 641

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982-Con.

Farms with herve	sted cropiand	Fremont	Greene	Grundy	Guthrie	Hamilton	Hencock	Herdin	Harrison
Farms	number, 1987 1982 acres harvested, 1987 1982	636 708 203 010 221 709	850 958 258 005 298 927	928 1 012 243 481 280 478	830 984 178 254 212 433	935 1 059 282 514 312 981	976 1 103 259 372 309 887	944 1 071 243 568 296 747	925 1 093 263 668 298 908
HARVESTED CROPLAND B	Y SIZE								
1987 size of ferm:	4	اء		10		40			45
	acres hervested_	5 22 47	11 26 68	19 71 59	5 17 73	19 55 56	6 17 49	22 67	15 69
	acres hervested	893	1 291	866	1 153	931	811	1 218	70 1 152 23 828
	ecres hervested.	10 330	695	15 609	28 750	18 687	10 417	16 529	
	acres hervested_	48 2 423	33 1 804	3 239	1 904	60 3 594	50 2 998	55 3 152	40 1 741
	acres harvested.	34 2 042	28 2 528	52 4 721	66 4 598	4 507	3 305	59 5 249	87 4 710
140 to 179 acres	acres hervested	55 5 383	9 600	150 18 262	85 7 999	86 10 100	149 17 466	9 499	76 6 792
180 to 219 ecres	ecres harvested	30 3 955	48 7 116	50 7 485	54 6 135	63 9 207	46 6 201	73 10 523	48 5 744
220 to 259 ecres	acres harvested	28 4 397	7 848	106 19 602	47 5 583	65 11 476	75 13 059	71 12 411	54 8 110
260 to 499 ecres	acres harvested	146 35 297	251 68 872	238 65 492	214 44 594	286 78 671	325 88 223	265 72 740	251 62 368
500 to 999 acres	ferms	162	210	146	171	190	199	192	219
1,000 to 1,999 acres	acres harvestedferms	76 187 65	106 345 47	75 917 36	69 533 36	99 558 34	101 985	94 417 34	101 508 54
2,000 acres or more	ecres harvestedferms	60 204	42 900	33 474	25 332 6	34 006	24 890	(D)	45 840 8
1982 size of ferm:	acres harvested	11 877	8 980	13 743	8 656	9 722		(D)	15 006
1 to 9 ecres	acres harvested	33	16 48	24 101	13 49	22 86	19 72	31 112	11 42
	acres harvested	47 710	1 038	1 201	1 610	67 1 262	50 1 122	74 1 386	94 1 644
50 to 69 acres	ecres harvested_	13 426	16 607	16 831	23 885	535	554	27 1 126	28 913
70 to 99 ecres	acres harvested	49 2 676	52 3 407	69 4 794	77 4 274	73 5 031	60 4 390	69 4 557	50 2 509
100 to 139 ecres	acres harvested	2 795	34 3 511	61 5 968	75 5 905	68 7 391	46 4 717	58 5 798	71 5 180
140 to 179 ecres	acres harvested	55 6 446	92 12 262	173 23 844	93 10 295	96 13 462	179 25 550	117 15 667	85 8 857
180 to 219 ecres	farms	37	70	77	60	80	76	76	77
220 to 259 acres	acres hervested farms	5 480 45	11 921 60	13 645 125	7 600 72	13 974 95	12 757 123	12 883 105	10 945 83
260 to 499 ecres	acres hervestedfarms	7 498 188	11 721 322	26 074 250	10 670 286	19 617 334	25 895 358	20 779 S 321	13 649 318
500 to 000 cores	acres harvested	50 986 178	98 123 198	77 896 119	69 016 153	105 065 179	113 788 156	98 760 151	86 170 227
	acres hervested	87 164	113 838	70 557 27	69 582 31	103 415 32	91 883	82 319 35	115 238 46
	acres hervested_	44 638	34 34 767 3	31 822	(D)	(D)	22 813	39 721	45 833
2,000 acres or more	acras harvested	12 857	7 684	23 745	(D)	(D)	6 146	12 639	7 928
HARVESTED CROPLAND B	Y ACRES								
1987 ecres harvested: 1 to 9 acres	farms	19	41	47	42	40	24	42	45
10 to 19 acres	acres	95 31	197 20	244 18	228 41	188 21	125	183 29	253 46
20 to 29 ecres	ecres	424 23	276 17	227 13	556 43	277	289	403 20	647 24
	acres	559	410	323	1 022	478	273	471	548
	acres	25 983	32 1 189	20 812	54 1 941	26 974	919	34 1 288	1 674
50 to 99 acres	farmsecres	79 5 627	55 3 852	107 7 692	137 10 074	109 8 052	96 7 150	8 037	117 8 499
100 to 199 acres	acres	130 18 753	193 (D)	286 41 660	197 27 399	224 32 853	257 35 92 3	242 35 404	185 26 904
200 to 499 acres		197	329	330	233	362	417 129 338	354 115 858	330 108 733
500 to 999 ecres		65 616 106	(D) 144	102 327 93	73 611 74	117 247 115	118	102 67 133	109 70 816
1,000 ecres or more		72 300 26	93 318	64 310 15	48 747 9	76 322 17 26 123	76 388 7 8 967	12 14 789	25 35 794
1982 acres harvested:	ecres	38 653	24 798	25 886	12 676	40	31	46	45
1 to 9 acres	acres	21 111	198	273	256 256	164	148	188 38	280 46
10 to 19 acres	acres	30 377	268 16	15 182	36 501 44	26 339	11 153 13	491 19	575 38
20 to 29 acres	acres	21 462	16 356	10 241	1 037	289	310	478	925
30 to 49 acres	acres	20 735	25 955	1 034	52 1 919	30 1 129	22 834	36 1 404	48 1 773
50 to 99 acres	farms	71 5 182	73 5 398	107 7 955	158 11 485	89 6 766	83 6 118	100 7 272	115 8 016
100 to 199 ecres		155 22 383	205 31 060	304 45 047	249 35 588	254 37 781	307 45 886	261 38 266	239 34 931
200 to 499 acres	ferms	257 84 705	401 128 670	378 113 488	304 92 971	438 137 852	491 150 622	432 134 622	399 127 311
	ferms acres	257 84 705 107 72 076	401 128 670 159 104 800	378 113 488 93 61 940	92 971 77 49 732				

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

Farms with harvested cropland								
	Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jefferson
Farma number, 1887 _ 1982 _ acres harvested, 1967 _ 1962 _	771 867 136 792 170 664	856 959 176 288 217 734	706 793 214 069 244 570	887 772 176 524 201 665	947 1 036 203 549 236 744	1 160 1 238 164 703 193 164	1 240 1 403 276 515 324 626	665 762 139 236 159 843
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm: 1 to 9 scres farms	10	6	9		6	13	24	9
acras harvasted_ 10 to 49 acresfarms_	27 74	20 76	29 31	23 37	14 72	53 102	24 92 147	26 56 615
acres harvested_ 50 to 69 acresfarms_	921	1 072	556	573	1 162	1 469	2 115	615 26
ecres hervested	1 376	13 532	363	361	24 816	1 159	1 0 96	666
70 to 99 acres farma acres harvested	70 2 9 76	62 3 041	34 2 014	36 1 895	63 3 106	2 64	75 3 411	53 2 352
100 to 139 acras farms acres harvested	63 4 005	52 3 812	26 2 569	30 2 772	60 5 846	96 5 750	76 5 646	60 4 495
140 to 179 ecres farms acres hervested	73 6 9 74	126 13 529	84 10 154	79 8 717	86 8 570	137 10 372	123 11 755	65 4 902
160 to 219 ecres	43 4 853	68 8 367	38 5 761	43 6 024	63 9 147	116 12 050	74 9 627	42 4 460
220 to 259 ecres farms acres harvested	53 7 263	13 225	54 9 588	61 10 312	96 14 024	91 11 574	65 10 597	36 4 960
260 to 499 acres farms	205	220	242	215	258	314 54 573	345	4 960 16 6 35 447
acres harvestad 500 to 999 ecres farms	44 394 115	50 025 114	71 362 150	53 614 141	55 966 147	163	84 970 224	116
1,000 to 1,999 acres farms	50 056 20	53 198 31	60 149 25	66 565 29	63 477 26	52 546 20	102 663 51	52 544 27
2,000 acres or more farms	15 925	(D) 2	24 516 3	(D) 1	20 953	(D) 2	(D)	24 299 3
1982 size of farm:	-	(D)	7 005	(D)	20 448	(D)	(D)	4 066
1 to 9 acres farms	14 52	17 54	11 32	8 27	7 24	18 63	27 112	14 59
10 to 49 acres farms acres hervested	98 1 506	70 1 355	38 880	35 512	92 1 674	104 1 877	165 2 791	66 1 199
50 to 69 acres	43 1 515	18 815	7 409	279	1 196	42 1 257	1 322	29 624
70 to 99 acres farms	84	69	59	36	65	69	91	56
acres harvasted	4 205 58	4 206 75	4 065 37	2 6 0 4 44	3 5 6 3 90	3 548 112	5 303 95	2 957 62
acras harvasted 140 to 179 acresfarms	4 687 74	6 363 161	3 650 102	4 236 9 6	7 316 109	7 226 151	7 439 122	5 419 76
acras harvested	7 984	19 261 72	14 569 43	12 36 6	11 267 79	14 265 123	14 00 5	6 609 56
160 to 219 acres farms acres harvested	62 8 211	11 014	7 611	7 013	10 672	14 966	13 203	7 331
220 to 259 acres farms acres harvested	11 409	17 600	56 11 66 0	13 057	15 448	107 15 127	93 16 167	60 6 539
260 to 499 acres farms acres harvested	247 64 653	252 69 361	274 68 466	280 61 693	284 71 280	344 68 487	404 113 263	190 45 552
500 to 999 acresacres harvasted	101 48 596	97 53 311	142 82 755	137 70 268	151 70 235	151 56 252	225 107 361	119 56 279
1,000 to 1,999 acres farmsacres harvasted	18 16 846	27 27 136	21 23 828	10 9 406	32 29 005	16 (D)	41 35 640	26 (D)
2,000 acres or more	-	7 198	6 405	-	15 022	(D)	8 000	(D)
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested:								
1 to 9 acres farms acres	54 269	42 210	21 95	20 102	31 142	69 364	99 512	36 161
10 to 19 acres farms	62 661	36	6 76	11 158	45 630	64 691	59 813	41 563
20 to 29 acres	31	501 21	12	15 15 353	35 794	1 357	56 1 342	41 955
30 to 49 acres farms	763 50	497 51	284 15	26	64	93	53	60
6crea	1 845 145	2 027 131	559 61	1 093 61	2 501 151	3 635 249	2 016 166	2 274 135 9 497
100 to 199 acres	10 4 0 9	9 484 265	4 541 171	4 468 194	11 252 262	16 173 355	12 0 95 261	131
acres	24 930	36 070	24 884	27 768	40 346	50 672	36 092	18 682
200 to 499 acres farms acres	200 59 815	233 89 818	99 808	276 65 4 <u>10</u>	269 6 2 04 5	236 69 342	132 234	171 54 662
500 to 999 acresfarms acres	35 526	44 139	86 84 672	49 369	37 897	32 (D)	76 665	37 292
1,000 acras or more farms ecres	3 4 354	10 13 544	13 19 548	7 603	27 940	(D)	11 12 726	12 14 910
1962 acres harvested: 1 to 9 acresfarms	63	35	29	26	36	56	84	40
10 to 19 acresfarms	366 43	165 23	137 10	124	192	304 52	444 68	217 42
20 to 29 acres	5 6 5 45	303 23	139 5	160	534 34	724 42	926 50	5 60 31
30 to 40 pages	1 035	537	117	207	768	992	1 179 70	731
30 to 49 acres	1 779 1 778	1 524	12 496	15 604	2 107 150	101 3 965	2 674	64 2 367 131
50 to 99 acres	9 290	150 11 213	76 5 642	67 5 088	159 11 847	255 19 0 25	179 13 131	9 106
100 to 199 acres farms acres	30 030	302 43 440	177 26 621	30 366	290 42 056	399 57 653	302 44 165	162 26 302
200 to 499 acresfarms acres	63 455	67 000	355 115 626	351 109 117	99 362	84 695	162 503	216 66 1 6 1
500 to 999 acres farms	56 35 156	77 52 90 7	109 70 457	63 50 933	50 106	40 (D)	123 61 146	66 42 6 69
1,000 acres or morefarms	33 130 1	14	16		15	1 1 1	13	10

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

1 000 acres or more 8 4 12 44 11 18 10 4	[For meaning of abbreviations	and symbols, see introductory text]								
Settle Harvestee 1862 1.526	Farms with ha	arvested cropland	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
## Company 1997 199	Farma	acras harvasted, 1987	1 329 198 971	1 176 194 982	1 065 198 455	1 760 459 047	939 149 934	1 614 242 679	630 130 805	656 77 713
1.00 2.00 2.00 3.00		D BY SIZE								
Color Colo	1987 size of ferm:	forms	22	6	10	17		45	7	4
Solid to 90 acres		acres hervested	71	18	60	47	37	154		
170 big Sevente		acres harvested	2 162	1 396	1 261	1 049	1 568	4 373	997	809
Color 1-79 acres Color 1-79	50 to 69 acres			796		1 094	837	2 650	484	
100 to 190 ecross	70 to 99 ecres									
1401 0.79 acros acros harvested. 10 0.00 110 25 25 27 10 10 10 4 30 30 30 30 30 30 30	100 to 139 ecres	farms							41	
1800 2219 acres more	140 to 179 acres	farms	105	113	51	217				
220 226	180 to 219 acres	farms	89	82	51	85	69	105	41	46
260 269 across	220 to 259 acres	farms	77	91	75	148	50	81	56	48
Solic page areas	260 to 499 acres	farms	253	258	261	581	208	235	151	145
Common 1,000 to 1,000 acres or more 1,000 to 1,000 acres 1,	500 to 999 acres							I		
2,000 alones or more acres havested. 2,000 alones or more acres havested. 1,00 alones or more acres havested. 1,00 alones or more acres havested. 1,00 alones acres havested. 1,00 alones acres havested. 2,00 alones acres acres. 2,00 alones acres acres. 2,00 alones acres.		acres harvested	56 453	69 349	72 711	145 898	47 844			
108 agree 108 108 108 109		acres harvested		19 729	36 193			28 074	(D) 1	15 545 4
1 to D acres		acres harvested	(D)			7 813	(D)	6 191	(D)	4 267
100 to 19 acres farms 169										
50 to 69 acrees	10 to 49 acres	farms	169	116	88	67	111	308	65	71
To the parameter To the para	50 to 69 acres	farms	45	41	35	23	42	84	19	35
100 to 139 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 to 130 acres 100 acres 100 to 130 acres 100 acres 100 acres 100 acres 100 acre	70 to 00 perce									
140 to 179 acres 14 264 8 177 6 589 7 176 5 594 13 582 3 954 3 128		acres harvested	6 615	3 407	4 151	4 865	3 282	10 743	2 787	2 132
180 to 219 acres 10 to 70 1		acres harvested	14 264	8 177	6 589	7 176	5 924	13 562	3 954	3 129
20 to 259 exres cares harvested 14 439 to 970 to 073 22 395 8 252 14 641 6 881 5 027 26 to 250 to 99 acres cares harvested 17 437 16 849 17 214 11 88 8 59 8 88 9 97 4 45 15 26 10 10 10 10 10 10 10 10 10 10 10 10 10	140 to 179 acres									
220 to 259 acres	180 to 219 acres									
### 250 to 499 acres	220 to 259 acres	farms	98	101	104	198				51 4 493
Sou to 999 acres	260 to 499 acres	farms	303	326	293	619	242	295		160 25 922
1,000 to 1,999 acres 1 cres 500 to 999 acres		124	138	172	247	96	145	121	93	
### ARVESTED CROPLAND BY ACRES #### HARVESTED CROPLAND BY ACRES ####################################	1.000 to 1.999 acres	acres harvested farms			30	52	31	23	19	25
HARVESTED CROPLAND BY ACRES HARVESTED 1987 acres harvested: 1988 acres harvested: 10 to 19 acres farms. 92 52 34 32 67 149 24 38 11 to 9 acres farms. 92 52 34 32 67 149 24 38 10 to 19 acres farms. 71 55 36 16 70 107 26 54 20 to 29 acres farms. 58 36 42 22 71 15 2 533 366 888 30 to 49 acres farms. 26 27 27 27 27 27 27 27		acres harvested	19 918	(D)		12	(D) 1	4	2	3
1987 acres harvested: 10 to 19 acres 1 arms. 92 52 34 32 67 149 24 38 32 349 791 129 222 349 371 129 222 349 349 791 129 222 349 349 791 129 222 349 349 791 129 222 349 349 791 129 222 349 349 791 129 222 349 349 791 129 222 349 349 791 129 222 349 349 791 129 349 791 129 349 791 129 349 791 129 349 791 129 349 791 129 349 791 129 349 791 129 349 791 129 349	-,		6 237	(D)	8 776	25 691	(D)	10 961	(D)	3 306
1 to 9 acres farms 92 52 34 32 67 149 24 3.9 10 to 19 acres cares 406 278 219 129 349 791 129 225 10 to 19 acres farms 71 55 36 16 70 107 28 54 20 to 29 acres farms 58 36 16 70 107 28 54 20 to 29 acres farms 58 36 16 242 958 149 310 316 318 20 to 29 acres farms 75 47 55 32 76 142 48 82 30 to 49 acres farms 2907 1796 2073 1254 296 5 460 170 20 50 to 99 acres farms 232 188 9 969 10 10 10 68 20 235 4 936 9 170 100 to 199 acres farms 283 283 297 79 189 275 184 49 20 to 499 acres farms 283 283 297 79 189 275 184 49 20 to 499 acres farms 283 283 297 79 189 275 184 49 20 to 499 acres farms 283 283 297 226 172 295 185 257 207 207 200 to 499 acres farms 283 283 297 279 279 279 279 279 200 to 499 acres farms 283 283 297 279 279 279 279 279 279 279 279 200 to 499 acres farms 283 283 297 279	HARVESTED CROPLAN HARVESTED	D BY ACRES								
10 to 19 acres		, 1				20	67	140	24	38
20 to 29 acres		acres	406	278	219	129	349	791	129	222
200 to 49 acras		acres	998	770	486	245	958	1 489	351	743
Solid Soli	20 to 29 acres						7.1			
50 to 99 acres	30 to 49 acres			47 1 796						
100 to 199 acres	50 to 99 acres	farms	252	183	127	137	156	282	70	
200 to 499 acres	100 to 199 acres	farms	284	289	218	435	187	330		
Second Second	200 to 499 acres				297		189	275	184	94
1,000 acres or more farms 11 6 10 36 7 12 7 12 7 11 9 005 (D) 1982 acres harvested: 1 to 9 acres farms 88 63 36 30 66 131 31 34 1 to 9 acres farms 88 63 36 30 66 131 31 34 10 to 19 acres farms 80 58 39 24 67 126 19 61 19 19 61 11<		acres							56	28 781 24
1982 acres harvested: 12 662 6 870 13 521 44 971 8 427 16 112 9 005 (D) 1982 acres harvested: 1 0 9 acres		acres	34 551				38 528 7		35 971 7	1
1 to 9 acres						44 971	8 427	16 112	9 005	(D)
10 to 19 acres										
20 to 29 acres	10 to 19 acres	farms	80	58	39	24	67	126	19	61
30 to 49 acres	20 to 29 acres	farms	56	49	39	12	37	98	24	51
Solid of Section acress 3 560 2 317 2 995 1 645 3 490 4 947 1 528 1 940 50 10 99 acres larms 235 164 148 109 164 317 78 164 100 to 199 acres 17 282 12 272 10 672 8 334 12 017 23 329 5 609 11 821 100 to 199 acres 1 farms 348 304 282 462 247 353 141 142 200 to 499 acres 1 farms 346 397 356 895 334 684 51 041 20 485 19 840 200 to 499 acres 1 farms 346 397 356 837 201 343 221 123 500 to 999 acres 1 arms 75 79 75 199 56 97 67 26 1,000 acres or more 1 arms 8 4 12 44 11 18 10 15 44	30 to 49 acres								39	51
301 0 99 acres		acres	3 560	2 317	2 995	1 645	3 490	4 947		164
Acres 48 890 43 106 40 358 69 855 34 684 51 041 20 485 19 840		acres	17 282	12 272	10 672	8 334	12 017	23 329		11 821
200 to 499 acres acres 103 383 118 342 108 743 258 976 62 685 109 332 69 518 38 177 500 to 999 acres 50 225 50 650 48 167 130 973 38 384 64 974 43 145 15 861 1,000 acres or more farms 8 4 12 44 11 18 10 4 4		acres	48 890	43 106	40 358	69 855	34 684	51 041	20 485	19 840
300 to 999 acres 300 to 999 ac		acres	103 383	118 342	108 743	258 976	62 685	109 332	69 518	38 171
1,000 dates of findle		acres	50 225		48 167	130 973	38 384	64 974	43 145	15 861
	1,000 acres or more			4 187						4 776

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

Farms with h	servested cropland	Monroe	Montgomery	Muscetine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms	number, 1987_ 1982_ acres harvested, 1987_ 1982_	634 667 75 582 87 094	627 689 160 388 181 74 3	801 899 153 624 176 723	1 104 1 200 269 638 311 705	676 758 178 191 213 158	908 961 202 414 221 793	867 956 251 951 300 211	1 545 1 681 359 863 409 614
HARVESTED CROPLAN OF FARM	D BY SIZE								
1987 size of farm:	ferms	5	7	19	18	19	7	10	26
10 to 49 acres	ecres harvested	24 46	34 42	79 122	52 55	57 36	19 65	38 45	89 89
	ecres harvested	676 29	628 17	1 569 27	916	816 11	1 003	812 15	1 478 22
	acres harvested	560 56	542 36	1 089 62	410 92	480 30	687 77	700	934 104
	ecres harvestedferms	2 007	1 850 40	3 279 65	5 489 52	1 884 19	3 494 55	2 588	6 033
	ecres harvested	2 265	2 685	4 476 91	4 735 135	1 936	3 401 82	3 052 97	6 393 191
	acres harvested	3 636	4 529	10 234	16 302	12 967	7 246	11 595	21 139
	acres harvested.	2 499	5 579	6 802	56 8 241	46 6 814	55 5 657	38 5 315	11 618 11 618
	ecres harvested	42 4 144 163	6 677	7 874	20 692	71 13 165	9 003	8 085	147 25 921
	ecres harvested	20 537	169 40 024	165 40 102	103 817	217 62 357	241 54 070	77 093	498 128 001
	ecres harvested	112 27 424	70 556	121 55 729	168 80 608	49 882	210 88 563	209 100 904	252 116 154
	ecres harvested.	9 024	28 (D)	26 (D)	30 (D)	25 (D)	34 (D)	46 41 769	37 507
	acres harvested	2 786	(D)	(D)	(D)	(D)	(D)	-	4 596
1982 size of farm: 1 to 9 acres	farms	3	14	25	13	13	18	7	12
10 to 49 acres	acres harvestedfarms	16 55 774	61 50 762	74 138	34 43	44 28	69	32 52	50 106
50 to 69 acres	acres harvestedferms	35 1 041	17 707	2 382	802 12	622	1 384	1 192	1 957 33
70 to 99 acres	acres narvested farms	46	39	1 142 72	552 88	220 49	819 66	372 56	1 384
100 to 139 acres	acres harvested	1 664 72	2 002 39	4 370 67	6 092 51	3 562 31	3 053 66	3 986 54	7 190 97
140 to 179 acres	acres hervested	3 722 62	3 071 54	6 176 93	5 130 191	3 148 119	5 147 83	5 622 88	9 124 211
190 to 210 seres	acres harvestedfarms	3 955 43	5 650 49	11 419 53	25 652 72	16 536 50	8 366 62	12 403 58	26 657 116
	acres harvested	3 275 58	6 748 46	7 778 56	12 195 165	8 009 71	7 730 60	10 009	18 947 194
	acres harvested	5 850 154	7 720 205	10 586 234	34 114 410	15 082 288	9 366 296	16 139 342	39 141 568
	ecres harvested	22 948	55 129	62 926	130 502	93 110	73 163	112 288	170 139
	acres harvested.	115 31 535	155 78 361	115 57 709	134 73 297	85 49 524	187 85 723	182 105 591	208 106 087
	acres harvested.	21 9 219	19 (D)	13 (D)	21 23 335	18 (D)	29 (D)	29 (D)	25 635
2,000 acres or more	acres harvested	3 095	(D)	1 (D)	-	(D)	1 (D)	1 (D)	3 303
HARVESTED CROPLAN HARVESTED	D BY ACRES								
1987 acres harvested:	farms	41	27	82	33	30	34	27	63
	acres farms	243	164 29	451 44	153 25	101	186 39	148	302 34
	acres farms	810 50	375 16	618 29	327 15	120	534 35	151 14	457 31
	acres	1 199	378	674	364	116	830	342	731
	farms	3 274 3 274	1 239	2 259	20 808	25 968	67 2 613	24 878	59 2 277
	acres_	9 690	80 5 711	8 192	141 10 216	47 3 465	146 10 624	90 6 715	203 14 428
100 to 199 acres	farms acres	145 19 991	135 19 163	201 29 189	294 42 862	30 674	193 28 641	182 25 815	419 61 799
200 to 499 ecres	farms ecres	94 (D)	228 74 495	197 61 748	474 145 098	272 84 422	309 99 561	385 122 474	604 185 907
	farms ecres	18 (D)	68 44 699	68 44 032	92 58 033	61 39 403	76 48 645	117 75 933	117 74 358
	farms ecres	1 (D)	12 14 164	6 6 461	10 11 777	15 18 922	9 10 780	17 19 495	15 19 604
1982 acres harvested: 1 to 9 acres	ferms	25	35	84	30	24	36	15	55
	acres farms	133 60	203 27	431 45	134 12	93 _5	147 35	88 18	285 37
20 to 29 acres	acres farms	809 47	342 12	628 35	163	76 4	457 33	238	485 20
30 to 49 ecres	acres terms	1 102	303 29	806 54	133	92 15	799 60	269 26	474 58
	acres farms	2 991 155	1 165 82	2 136 121	1 066 120	567 66	2 257 131	993 80	2 120 192
	ecres	11 335 163	5 957 149	8 903 211	9 010	4 999	9 547 228	6 172 196	13 834 428
	acres farms	23 069	22 281 258	30 590 275	46 345 576	29 971 361	33 493 346	29 535 449	63 163 758
	acres	34 328	82 496 87	83 999 71	177 417 97	114 792 68	108 646	145 454 144	230 572 128
	acres farms	(D)	56 533 10	45 788 3	62 077 12	45 509 13	51 514 12	96 481 17	81 066 15
	acres	(D)	12 463	3 442	15 360	17 059	14 933	20 981	17 615

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982-Con.

Farms with he	rvested croplend	Pocehontes	Polk	Pottawattamie	Poweshiek	Ringgold	Sec	Scott	Shelby
Farms	number, 1987 1982 acres harvested, 1987 1982	929 1 045 265 872 317 426	841 960 169 388 195 910	1 429 1 817 379 836 432 730	904 1 029 211 734 252 702	592 702 119 721 158 664	945 1 044 258 981 301 639	862 971 166 611 201 814	1 035 1 185 244 602 283 975
HARVESTED CROPLAND	BY SIZE								
1987 size of ferm:	tomo	-	20						
	acres hervested	27	32 109	21 80	13 44	(D)	12 37	18 68	10 29 46
	acres harvested.	45 773	219 3 282	156 2 240	69 1 108	29 (D)	43 704	122 1 786	46 863 13
	acres harvested.	13 585	35 1 234	38 1 598	16 541	302	17 594	33 1 323	13 436
70 to 99 acres	acres harvested	52 3 150	80 4 006	84 4 175	50 2 643	41 1 724	60 3 574	66 3 545	42 2 402
100 to 139 ecres	acres hervested	51 4 410	48 3 611	89 6 265	66 4 462	1 785	3 459	75 6 119	70
140 to 179 acres	acres harvested	109 13 446	59	129	94	44	101	97	5 791 109
180 to 219 ecres	farms	42	6 244 45	13 713 79	9 286 45	2 631 36	11 977 65	11 376 69	11 639 99
220 to 259 acres	acres harvested	6 407 61	6 084 40	10 639 93	5 631 72	2 956 42	9 166 82	9 486 72	13 595 96
260 to 499 acres	acres harvested farms	11 062 303	6 279 142	15 369 350	10 716 251	3 988 164	14 093 285	12 565 187	16 047 334
	acres harvested	85 828	37 324	90 583	57 944	26 120	77 239	49 925	83 905
	acres harvested_	214 108 604	93 48 845	307 149 839	182 80 204	140 42 596	201 100 718	101 50 593	187 88 096
	acres harvested	31 (D)	40 37 377	74 69 135	45 (D)	26 905	36 (D)	22 19 825	29 21 799
	acres harvested	(D)	14 993	9 16 200	1 (D)	10 090	(D)	-	-
1982 size of farm: 1 to 9 acres	farms	15	32	26	22	5	8	22	13
10 to 49 acres	acres harvested	51 34	124 223	82 213	107 72	17 39	30 51	85 148	55 59
	acres harvested farms	683 15	3 291 56	3 347	1 366	790 14	887 23	2 501 35	903 20
	acres harvested	774	2 023	1 455	906	542	1 003	1 790	954
	acres harvested	50 3 448	94 5 774	107 6 427	55 2 930	28 1 259	55 3 847	83 5 196	62 4 140
100 to 139 acres	acres harvested_	52 5 416	69 5 952	103 8 933	68 5 305	37 2 094	58 5 726	79 7 76 8	81 7 735
140 to 179 acres	acres harvested_	121 16 676	79 9 990	140 16 886	107 12 072	52 3 430	124 16 533	121 16 595	128 16 622
180 to 219 acres	farms	70	52	90	64	50	72	80	111
220 to 259 acres	acres harvested farms	12 328 95	8 968 50	13 753 92	8 887 82	4 740 37	11 515 105	13 239 82	17 694 130
260 to 499 acres	acres harvested farms	19 990 388	9 956 170	17 040 461	14 525 309	4 799 212	21 195 357	16 371 207	25 207 414
500 to 990 seres	acres harvested farms	125 567	48 128	135 145	79 114	41 413	109 020	64 239	117 933
	acres harvested	181 106 768	96 56 167	273 148 356	186 89 351	185 63 858	160 90 475	96 53 075	151 77 160
	acres harvested_	24 25 725	34 35 77 <u>4</u>	64 64 236	39 (D)	35 24 476	26 28 246	17 (D)	15 (D)
2,000 acres or more	acres harvested	-	9 763	17 070	(D)	11 246	13 162	(D)	1 (D)
HARVESTED CROPLAND HARVESTED	BY ACRES								
1987 acres harvested:	tormo	47	440		0.5				
10 to 19 acres	acres	17 77	116 596	86 428	35 179	10 72	183	63 353	28 134
	acres	19 252	87 1 210	66 862	37 486	30 400	10 136	54 735	13 174
20 to 29 acres	acres	14 341	50 1 167	48 1 129	32 734	26 582	14 333	32 755	21 500
30 to 49 acres	farms	21 856	72 2 773	69 2 608	50 1 909	59 2 256	27 1 034	52 2 090	36 1 381
50 to 99 acres	farms acres	99 7 249	109 7 711	171	129	121	101 7 275	123	112
100 to 199 acres	farms	218	147	12 138 296	9 655 221	8 931 140	261	9 039 236	8 421 324
200 to 499 acres	acres	31 691 399	20 941 163	43 515 491	32 578 297	20 028 156	38 548 367	33 662 237	46 960 409
500 to 999 acres	acres	127 576 126	51 69 1 74	159 213 163	92 146	48 181 42	118 016	72 362 58	127 046 89
1,000 acres or more	acres	79 120 16	50 788 23	107 458 39	63 600	28 638	72 542 17	39 626	56 734 3
1982 acres harvested:	acres	18 710	32 511	52 485	10 447	10 633	20 914	7 989	3 252
1 to 9 acres	farms	25	116	96	37	20	27	70	33
10 to 19 acres		116 11	621 111	461 102	189 43	109 21	149 16	353 53	183 25
20 to 29 acres		135	1 482 45	1 333 45	568 24	278 20	221 11	713 30	338 17
30 to 49 acres	acres	67 22	1 081 58	1 093	563 49	475 58	267 19	673 58	399 20
	acres farms	833	2 265 132	2 695 174	1 897	2 177	739 104	2 247	803 124
	acres ferms	5 880	9 311	12 688	8 194 8 72	6 905	7 663	8 690 367	9 462
	acres	36 286	180 26 443	326 47 581	40 232	22 526	38 632	39 358	349 52 336
	farms acres	157 816	64 289	179 446	369 114 095	80 820	144 376	90 445	527 159 712
ALLI TO MAN SCIEN	farms	149	84	198	104	48	119	65	82
1,000 acres or more	acres farms	95 439 18	59 224 22	130 209 40	66 255 17	32 128	77 847 20	42 916 13	51 014 8

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbraviations and symbols, sea introductory	lext]							
Farms with harvastad cropland	Sioux	Story	Tama	Taylor	Union	Van Buran	Wapallo	Warren
Farmanumber, 1987 1982 acres harvested, 1987 1982	1 816 352 858	1 001 1 113 242 426 289 259	1 238 1 350 274 884 309 403	690 800 141 043 165 144	587 683 101 218 121 953	699 801 108 140 132 063	788 862 116 921 131 029	1 104 1 188 155 8 68 181 270
HARVESTED CROPLAND BY SIZE OF FARM								
1987 siza of farm.					-		40	04
1 to 9 acras	1 97 [20 61 133	11 35 97	6 29 30	24 68	6 28 47	10 30 126	21 74 196
10 to 49 acras acras harvastad	2 434	2 241 45	1 509	354 18	1 207	656 20	1 755	2 673 50
acras harvastad	1 682	1 676	1 501	723	551	634	1 371	1 575
70 to 99 acras farms acras harvastad	I 8 698	4 940	76 3 680	1 944	1 893	1 990	2 900	128 4 799
100 to 139 acras farms acras harvastad	1 9 250	6 041	106 7 115	1 271	1 659	4 360	4 250	117 5 896
140 to 179 acras farms acres harvested	1 27 633	9 816	125 12 617	4 079	3 763	76 4 956	4 399	111 7 770
180 to 219 acres farms acres harvested	l 17 401	55 7 654	81 10 196	48 4 842	30 2 766	58 4 354	51 4 622	70 6 371
220 to 259 acras farms acras harvasted	1 31 009	7 157	97 15 544	52 5 787	50 5 440	43 4 293	51 5 738	39 3 881
260 to 499 acras farms acras harvastad		60 708	338 82 511	189 32 085	136 24 958	155 25 896	27 472	192 35 695
500 to 999 acres farms acres harvastac		188 95 0 67	225 101 255	160 55 179	118 39 021	120 38 977	107 49 027	133 49 094
1,000 to 1,999 acras farms acras harvastac	i 31 (D)	40 37 246	39 (D)	37 25 978	28 14 822	28 18 228	17 (D)	44 33 831
2,000 acres or mora farms acres harvastac	5 2	5 9 819	(D)	8 772	5 112	3 768	(D)	3 4 199
1982 size of farm: 1 to 9 acres farms		18	12	10	12	13	7	18
acres harvastac	115	91 161	48 107	44 41	42 78	49 61	36 130	73 233
acres harvested 50 to 69 acres farms	s 40	2 970 25	2 017	759 18	1 505 21	1 073	2 168 54	3 343 58
70 to 99 acres farms	1	1 008	1 250	568 59	607	1 030	1 350	1 604 145
acres harvestee	1 8 798	5 884 83	5 638	2 941 57	2 030	2 528 85	3 839 101	6 045 112
acras harvestee	12 619	8 018 108	7 240 155	3 305	3 867 73	5 107 55	5 420 70	6 569 91
acres harvested	1 42 863	14 336	18 670	6 838	6 602	4 218	5 837	7 564
180 to 219 acras farms acras harvasted	1 25 640	77 12 388	108 15 837	5 522	38 4 494	5 303	51 4 315	65 6 010
220 to 259 acres farms acras harvastac	1 42 066	13 967	131 23 449	11 496	5 365	60 6 438	6 181	70 8 659
260 to 499 acres farms acres harvastac		290 92 632	394 108 714	210 44 291	165 28 524	36 633	188 44 072	215 45 005
500 to 999 acras farms acras harvasted	1 79 819	163 94 0 99	189 92 992	160 63 421	122 45 583	140 46 006	100 41 056	137 56 051
1,000 to 1,999 acras farms acras harvasted		28 31 923	29 (D)	28 21 219	25 18 369	30 20 228	19 (D)	39 32 262
2,000 acras or more farms acras harvastac	1	11 943	(D)	4 740	4 965	3 450	(D)	8 085
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested		20	54	20	90		72	114
1 to 9 acres farms acres	s 315	63 288	51 256	26 157 34	33 199 45	258 258 49	404 102	567 114
10 to 19 acres	s 482	56 732 34	62 871 38	477 29	612 43	676 35	1 379	1 645 101
20 to 29 acras acras		815	908	689	1 038	834	1 846	2 384
30 to 49 acres farms acres	3 2 559	67 2 557	79 3 062	70 2 700	79 2 939	90 3 431	80 3 007	146 5 367
50 to 99 acras farms acras	17 971	150 10 926	186 13 439	8 396	91 6 829	166 11 608	8 943	204 14 513
100 to 199 acres farms acres		195 27 822	288 42 269	160 22 779	121 17 431	139 19 556	133 18 431	171 24 217
200 to 499 acres farms		302 96 939	421 131 771	196 60 796	155 48 830	134 41 848	136 43 613	189 57 682
500 to 999 acres farm:	S 97	117 78 628	95 59 793	43 28 738	26 17 653	39 26 654	53 34 698	55 36 993
1,000 acres or more farm:	s 13	17 23 719	18 22 515	13 16 311	5 685	3 275	4 600	10 12 490
1962 acres harvasted: 1 to 9 acres farm:		65	54	25	36	39	44	113
acre: 10 to 19 acresfarm:	s 287	362 57	263 39	132	191	192 55	259 89	613 134
acre: 20 to 29 acresfarm:	s 512	772 33	508 38	282 33	529 33	774 47	1 158 85	1 780 95
acra	s 455	748	921	787	787	1 119 78	1 992 123	2 237 134
30 to 49 acres	s 2 180	2 058	3 181 3 168	2 178 2 149	66 2 600 119	2 981 188	4 671 151	4 976 211
50 to 99 acres	s 13 648	135 9 991	168 12 205	149 10 317	8 512 196	13 068 151	10 735 131	15 097 211
100 to 199 acres	s 84 017	35 055 378	369 54 477 486	206 29 928 244	27 504 148	21 091 194	18 878 195	30 041 213
200 to 499 acres	s 224 357	122 627 122	152 096 96	73 484 60	47 149 41	58 168 44	61 069 37	65 937 62
500 to 999 acres	s 69 908	80 215 25	61 324 18	39 626	≥7 081 5	28 439	23 987	40 687 15
1,000 acres or more farm: acre-		37 431	24 428	8 410	7 600	6 231	8 280	19 902

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982-Con.

[c mounty or approximations	and opinization, texts,								
Farms with harv	vested cropland	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms	number, 1987 1982 acres harvested, 1987 1982	1 024 1 098 206 315 247 227	630 731 114 904 152 831	1 140 1 251 312 048 363 632	686 774 177 414 211 136	1 422 1 562 219 642 262 028	1 162 1 377 278 373 359 752	592 714 157 665 199 142	832 950 260 638 319 992
HARVESTED CROPLAND OF FARM	BY SIZE								
1987 size of farm:	f	40		40					
	acres harvested.	19 59	6 38	12 49	12 40	12 61	28 94	9 26	5 20
	acres harvested	99 1 704	35 581	93 1 697	40 672	103 1 622	112 1 727	1 007	53 1 076
50 to 69 acres	acres harvested_	32 1 231	19 493	21 833	14 558	39 1 445	30 1 081	11 376	15 633
70 to 99 acres	farms	73	23	91	51	83	74	29	37
100 to 139 acres	acres harvested farms	3 934 85	779 32	4 681 73	3 127 47	3 952 157	3 43 5 55	1 518 32	2 368 43
140 to 179 acres	acres hervested farms	6 095 91	1 709 56	6 334 110	3 870 79	10 123 218	3 948 94	2 348 59	3 594 82
	acres harvested	9 352	4 107	13 293	8 664	21 159	9 191	6 272	9 739
	acres harvested.	67 8 1 <u>61</u>	3 128	10 036	39 5 610	158 18 137	78 9 371	27 3 395	39 5 743
	acres hervested	76 11 881	42 4 142	69 12 072	45 7 095	125 17 620	83 12 459	39 6 201	50 9 42 7
260 to 499 acres	acres harvested.	286 68 571	167 25 312	323 88 551	199 52 139	389 85 781	314 72 496	165 42 911	253 70 609
500 to 999 acres	farms_	167	162	222	131	123	225	143	199
1,000 to 1,999 acres	acres harvested farms	71 540 27	47 712 38	113 851 55	65 770 26	47 011 14	99 339 61	70 641 23	99 748 52
2,000 acres or more	acres harvested farms	(D) 2	21 642	52 907 5	23 729	(D) 1	51 267 8	22 970	48 986 4
1982 size of farm:	acres harvested	(D)	5 261	7 744	6 140	(D)	13 965	-	8 695
1 to 9 acres	acres harvested	23 97	3 13	30 115	17 61	18 68	31 110	15 56	20 77
10 to 49 acres	acres harvested.	117 2 107	43 906	106 1 885	55 953	109 1 934	140	67	46
50 to 69 acres	farms	32	13	27	14	54	47	1 328 19	850 7
70 to 99 acres	acres harvested farms	1 378 88	496 42	1 106 75	600 51	1 957	1 970 95	909	353 44
	acres harvested	4 930 85	1 754	5 093	3 286	4 322	5 618	2 784	3 042
	acres harvestedfarms	7 223	2 659	7 075	46 4 255	170 13 019	6 836	46 4 603	42 4 100
140 to 179 acres	acres harvested.	106 12 408	5 571	120 16 416	106 14 163	217 23 204	143 16 223	81 10 892	98 13 934
180 to 219 acres	acres harvested	71 10 514	39 3 138	84 14 523	39	171	85	51	49
220 to 259 acres	farms	81	64	106	6 419 78	22 422 167	12 807 94	8 804 55	8 640 77
260 to 499 acres	acres harvested farms	14 738 306	8 066 220	21 340 372	15 780 237	26 801 424	16 317 371	11 206 185	16 527 335
500 to 000 acres	acres harvested	84 595	44 134	116 426	73 676	97 373	104 864	57 494	108 804
	acres harvested_	159 78 411	163 57 246	216 124 685	106 61 591	137 58 986	222 116 837	131 75 196	189 110 780
	acres harvested_	27 24 468	28 22 478	44 (D)	23 (D)	13 (D)	55 51 540	19 (D)	37 39 782
2,000 acres or more	acres harvested_	3 6 358	6 370	(D)	(D)	1 (D)	12 24 319	(D)	6 13 103
HARVESTED CROPLAND	BY ACRES								
1987 acres harvested: 1 to 9 acres			II						
	farms	47	16	45	30	59	75	27	21
10 to 19 acres	acres	225	106	254	161	288	352	118	125
10 to 19 acres	acres farms acres	225 42 593	106 48 628	254 40 543	161 16 193	288 69 940	352 53 731	118 24 315	125 12 153
20 to 29 acres	acres farms acres farms acres	225 42 593 45 1 081	106 48	254 40	161 16	288 69	352 53	118 24	125 12
20 to 29 acres	acres tarms_ acres tarms_ acres tarms_ acres	225 42 593 45 1 081	106 48 628 40 918	254 40 543 30 747 46	161 16 193 13 327 31	288 69 940 52 1 224	352 53 731 50 1 155	118 24 315 15 367 28	125 12 153 14 351
20 to 29 acres	acres farms acres farms acres farms acres farms	225 42 593 45 1 081 62 2 403 172	106 48 628 40 918 57 2 199 108	254 40 543 30 747 46 1 769 133	161 16 193 13 327 31 1 248 94	288 69 940 52 1 224 106 4 192 284	352 53 731 50 1 155 70 2 653 126	118 24 315 15 367 28 1 015 69	125 12 153 14 351 31 1 184 84
20 to 29 acres	acres	225 42 593 45 1 081 62 2 403 172 12 559 272	106 48 628 40 918 57 2 199 108 7 967 148	254 40 543 30 747 46 1 769 133 9 557 270	161 16 193 13 327 31 1 248 94 6 851 163	288 69 940 52 1 224 106 4 192 284 21 224 461	352 53 731 50 1 155 70 2 653 126 9 038 288	118 24 315 15 367 28 1 015 69 4 735 117	125 12 153 14 351 31 1 184 84 6 229 170
20 to 29 acres 30 to 49 acres 50 to 99 acres 100 to 199 acres	acres farms acres farms acres farms acres farms acres tarms acres tarms acres acres farms acres acres farms acres	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518	106 48 628 40 918 57 2 199 108 7 967 148 21 005	254 40 543 30 747 46 1 769 133 9 557 270 39 709	161 193 13 327 31 1 248 94 6 851 163 22 669	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673	118 24 315 15 367 28 1 015 69 4 735 117 16 740	125 12 153 14 351 31 1 184 84 6 229 170 25 162
20 to 29 acres 30 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres	acres farms_ acres farms_ acres farms_ acres farms_ acres farms_ acres farms_ acres farms_ acres	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 99 833	106 48 628 40 918 57 2 199 108 7 967 148 21 005	254 40 543 30 747 46 1 769 133 9 557 270 39 709	161 193 133 327 311 1 248 94 6 851 163 22 669 251 80 029	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288	118 24 315 15 367 28 1 015 69 4 735 117 16 740 222 71 071	125 12 153 14 351 31 1 184 84 6 229 170 25 162 363 119 498
20 to 29 acres 30 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres	acres_ acres_ acres_ arms_ acres_ farms_ acres_ 225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 320 538	254 40 543 30 747 46 1 769 133 9 557 270 39 709 415 136 301 133 87 711	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 106 73 374	118 24 315 15 367 28 1 015 4 735 117 16 740 222 71 071 80 50 995	125 125 153 14 351 31 1 184 84 6 229 170 25 162 363 119 498 114 78 428	
20 to 29 acres 30 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres 1,000 acres or more	acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ farms_ farms_ farms_ farms_ farms_ farms_ farms_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33	254 40 543 30 747 46 1 769 133 9 557 270 39 709 415 136 301 133	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865	352 53 731 50 1 155 70 2 653 126 9 038 288 21 673 371 117 288 117 288	118 24 315 15 367 28 1 015 69 4 735 117 16 740 222 71 071 80	126 12 153 14 351 31 1 184 6 229 170 25 162 363 119 498
20 to 29 acres 30 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres 1,000 acres or more	acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 20 538 6	254 40 543 30 747 46 1 769 133 9 557 270 39 709 415 136 301 133 87 711 28	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505	288 69 940 52 1 224 106 4 192 284 21 224 21 224 461 64 400 351 99 865 35 21 258	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 106 73 374 23	118 24 315 15 367 28 1 015 69 4 735 117 16 740 222 71 071 80 50 995	125 125 153 14 351 31 1 184 84 6 229 170 25 162 363 119 498 114 78 428
20 to 29 acres 30 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres 1,000 acres or more 1982 acres harvested: 1 to 9 acres	acres_ acres_ acres_ arms_ acres_ farms_ acres_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150 64 329	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 20 538 6 7 902	254 40 543 30 747 46 1 769 133 9 557 270 39 709 415 136 301 133 87 711 28 35 457	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505 13 17 431	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 35 21 258 5 6 251	352 53 731 50 1 155 70 2 653 1126 9 038 288 41 673 371 117 288 106 73 374 23 32 109	118 24 315 15 367 28 1 015 4 735 117 16 740 222 71 071 80 50 995 10 12 309	125 12 153 14 351 31 1 184 6 229 170 25 162 363 119 498 114 78 428 23 29 508
20 to 29 acres	acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_ acres_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150	106 48 628 40 918 57 2 199 7 967 148 21 005 174 53 641 33 20 538 6 7 902	254 40 543 30 747 46 1 769 133 9 557 270 39 709 415 136 301 128 35 457 137 67 352 37 512	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505 13 17 431 36 180 180	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 35 21 258 6 251 54 297 58 822	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 41 673 371 117 288 23 32 109 87 452 65 859	118 24 315 15 367 28 1 015 69 4 735 117 16 740 222 71 071 80 50 995 10 12 309	125 12 153 14 351 31 1 184 6 229 170 25 162 363 119 498 23 29 508 30 142 20 267
20 to 29 acres 30 to 49 acres 50 to 99 acres 100 to 199 acres 200 to 499 acres 500 to 999 acres 1,000 acres or more 1982 acres harvested: 1 to 9 acres 10 to 19 acres 20 to 29 acres	acres_ farms_ acres_ farms_ acres_ farms_ acres_ farms_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 20 538 6 7 902	254 400 543 30 747 46 1 769 133 9 557 270 39 709 415 136 301 133 87 711 28 35 457	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505 48 505 13 17 431	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 935 21 258 5 6 251	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 73 374 23 32 109 87 452 65	118 24 315 15 367 28 1 015 69 4 735 117 16 740 222 71 071 80 50 995 10 12 309	125 12 153 14 351 31 1 184 6 229 170 25 162 363 119 498 114 78 428 23 29 508
20 to 29 acres	acres_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150 64 329 49 727 28 686 666	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 20 538 6 7 902 13 71 28 394 31 743 57	254 40 543 30 747 46 1 769 133 9 557 270 39 709 415 136 301 138 87 711 28 35 457 37 57 57 37 57 37 39 37 39 37 39 37 39 30 30 30 30 30 30 30 30 30 30 30 30 30	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505 13 17 431 36 180 180 180 180 222 14	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 35 21 258 5 6 251 54 297 58 822 49 1 180	352 53 731 50 1 155 70 2 653 2 853 288 288 41 673 371 117 288 41 673 371 117 288 32 109 87 452 65 859 38 901 67	118 24 315 315 315 367 28 1 015 69 4 735 117 16 740 222 71 071 80 50 995 10 12 309 31 142 21 294 15 336 28	125 12 153 14 351 31 1 184 6 229 170 25 162 363 119 498 23 29 508 30 142 20 267 10 261
20 to 29 acres	acres_ farms_ acres_ far	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150 64 329 49 727 28 686 66 2 497 145	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 20 538 6 7 902 13 71 28 394 31 743 57 2 082 125	254 40 543 30 747 46 1 769 270 29 709 415 136 301 133 87 711 28 35 457 67 352 31 37 512 31 33 35 1 317	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 48 505 48 505 13 17 431 36 180 180 180 222 144 335 22 825 89	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 21 258 5 6 251 54 297 58 822 49 1 180 91 3 546 257	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 41 673 32 109 87 452 65 859 38 901 67 530 169	1 18 24 315 367 28 1 015 69 4 735 117 16 740 222 71 071 80 50 995 10 12 309 31 142 21 294 15 336 28 1 061 773	125 123 153 144 351 31 1 184 6 229 170 25 162 363 119 498 29 508 30 142 20 267 10 261 19 745 58
20 to 29 acres	acres_ farms_ acres_ farms_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150 64 329 49 727 28 686 66 2 497 145 10 547 266	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 20 538 6 7 902 13 71 28 394 31 743 57 2 082 125 8 883 8 883	254 40 40 30 747 46 1 769 270 39 709 415 136 301 133 87 711 28 35 457 67 352 37 512 31 733 35 1 31 733 35 1 31 733 35 1 31 8 31 8 31 8 31 8 31 8 31 8 31 8 31	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505 13 17 431 36 180 222 14 335 22 825 89 6 322 180	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 35 21 258 6 251 54 297 58 822 49 1 180 91 3 546 57 19 090 19 090	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 73 374 106 73 374 23 32 109 87 452 65 859 38 901 67 2 530 169 12 019 315	118 24 315 15 367 28 1 015 17 16 740 222 71 071 80 50 995 10 12 309 31 142 21 294 15 336 28 1 061 73 5 255 172	125 121 153 144 351 31 1 184 6 229 170 25 162 363 119 498 114 78 428 29 508 30 142 20 267 10 261 19 745 58 4 411 183
20 to 29 acres	acres_ farms_ far	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150 64 329 49 727 28 686 66 2 497 145 10 547 266 38 447 382	106 48 628 40 918 57 2 199 108 7 967 108 2 1005 174 53 641 33 20 538 7 902 13 71 28 394 31 743 57 2 082 125 8 883 180 25 904	254 400 300 747 46 1 769 9 557 39 709 415 136 301 133 87 711 28 35 457 67 352 37 512 31 733 35 1137 113 8 306 251 36 486 36 486 36 486	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 75 48 505 13 17 431 36 180 222 14 335 22 89 6 322 180 26 436 319	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 35 21 258 822 297 58 822 49 1 180 91 3 546 257 19 90 900 598 85 123	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 106 73 374 23 32 109 87 452 65 859 38 901 67 2 530 169 12 019 315 46 505	118 24 315 15 367 28 1 015 4 735 117 16 740 222 71 071 80 50 995 10 12 309 31 142 21 294 15 336 28 1 061 73 5 255 172 25 060 266	125 12 153 14 351 184 84 6 229 170 25 162 363 119 498 114 78 428 29 508 30 142 20 267 10 261 19 745 58 4 411 183 27 199
20 to 29 acres	acres_ farms_ acres_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150 64 329 49 727 28 686 66 2 497 145 10 547 266 38 447	106 48 628 40 918 57 2 199 7 967 148 21 005 174 53 641 33 20 538 6 7 902 13 71 28 394 31 743 57 2 082 8 883 180 25 904	254 40 543 30 747 46 1 769 270 270 39 709 415 136 301 133 87 711 28 35 457 352 37 37 3512 31 733 35 1 317 733 8 306 251 36 486	161 16 193 13 327 31 1 248 6 851 163 22 669 251 80 029 75 48 505 13 17 431 36 180 180 180 222 14 335 22 825 89 6 322 180 26 456	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 35 21 258 6 251 54 297 58 822 49 1 180 91 3 546 257 19 090 85 198 85 198 85 198 86 198 199 199 199 199 199 199 199 199 199	352 53 731 50 1 155 70 2 653 9 038 288 41 673 371 117 288 41 673 32 109 87 452 65 859 38 901 67 2 530 169 12 019 169 12 019	118 24 315 15 367 28 1 015 69 4 735 117 16 740 222 71 071 80 50 995 10 12 309 31 142 21 294 15 336 28 1 061 73 5 255 172 25 060	125 129 153 144 351 361 1 184 6 229 170 25 162 363 119 498 4 411 78 428 29 508 30 142 20 267 10 261 19 7455 58 4 411 183 27 199 444 143 587
20 to 29 acres	acres_ farms_ acres_	225 42 593 45 1 081 62 2 403 172 12 559 272 39 518 311 99 833 66 41 953 7 8 150 64 329 49 727 28 686 66 2 497 145 10 547 286 38 447 382 118 982	106 48 628 40 918 57 2 199 108 7 967 148 21 005 174 53 641 33 20 538 6 7 902 13 71 28 394 31 743 57 2 082 125 8 883 125 8 883 8 88	254 40 543 30 747 46 1 769 270 29 709 415 136 301 415 136 301 28 35 457 67 352 28 31 37 711 313 35 457 37 31 31 31 31 31 31 31 31 31 31 31 31 31	161 16 193 13 327 31 1 248 94 6 851 163 22 669 251 80 029 48 505 48 505 13 17 431 36 180 180 180 222 14 335 22 825 89 6 322 180 26 456 89 99 99 895	288 69 940 52 1 224 106 4 192 284 21 224 461 64 400 351 99 865 35 21 258 6 251 54 297 58 822 49 1 180 9 1 180	352 53 731 50 1 155 70 2 653 126 9 038 288 41 673 371 117 288 41 673 32 109 87 452 65 859 38 901 67 2 530 169 12 019 12 019 12 019 14 6505 46 505 46 505	118 24 315 367 28 1 015 369 4 735 117 16 740 222 71 071 80 50 995 10 12 309 31 142 21 294 15 336 28 1 061 73 5 255 172 25 060 85 021	125 12 153 14 351 184 84 6 229 170 25 162 363 119 498 114 78 428 29 508 30 142 20 267 10 261 19 745 58 4 411 183 27 199

Table 7. Irrigation: 1987 and 1982

	· · ·						
Ferms with irrigation	lowe	Adeir	Adama	Allamekee	Appenoose	Audubon	Benton
Farmsnumber, 1987_	851	4		_	1	2	
Land in imgeted farmsacres, 19871982	385 109 304 670	1 438 (D)	1 (D)	(D)	(D)	(D)	2 318 (D)
Harvested croplend	845 616 278 236	4 2 895	1	2	1 1 (D)	2 - (D)	4 2 284
Other cropland, excluding cropland pastured farms, 1987 - 1982 - 2005, 1987 - 2005,	253 538 568 243 62 907	(D) 2 1 (D)	(D)	(D) - 1	(D) - -	2 - (D)	(D) 1 1 (D)
1982 Pastureland, excluding woodland pastured farms, 1987	9 515	(D)	-	(D)	-	1	(D) (D)
1982 acres, 1987 1982	215 19 016 22 869	1 (D) (D)	1 (D)	1 (D)	-	=	-
imgated landecres, 1987 1982_	92 247 91 427	204 (D)	_ (D)	_ (D)	(D) (D)	(D)	(D) (D)
Hervested cropland	825 608 91 598 91 175	3 1 (D) (D)	1 (D)	2 (D)	(D)	(D)	(D)
Pastureland and other land farms, 1987 1982 acres, 1987 1982 1982	37 18 649 252	1 1 (D)	=	-	-		-
1987 imgated acres by size of farm: 1 to 9 acres	107	-	_	_	1	_	1
acres irrigated 10 to 49 acres farms	165 123	-	<u>-</u>	- -	(D)	-	(D) 2
50 to 69 acres acres imgated farms acres imgated	810 24 564	= -	= =	=	-	=	(D) - -
70 to 99 ecresfarms acres infigated_	40 1 028	-	-	-	-	-	-
100 to 139 acres farms acres imigated	33 871	-	-	-	_	-	_
140 to 179 acres ferms ecres irrigated	2 002	-	- -	-	-		-
180 to 219 acres farms acres irrigated_	18 (D)	2 (D)	-	-	-	-	-
220 to 259 acresfarmsacres imigeted	47 (D)	-		-	_	-	1 (D)
260 to 499 acres larms acres irrigated	126 14 018	1 (D)	-	Ξ	=	(D)	1
500 to 999 acres farms acres irrigated	187 31 991	1 (D)	-	-	-	-	=
1,000 to 1,999 acres farms	94 27 273	-	-	-	-	-	=
2,000 ecres or more farms acres imgated_	18 9 202	-	-	-	-	-	-
1982 irrigated acres by size of farm: 1 to 9 acres farms	59	_	_	_	1	_	1
acres imigated 10 to 49 acres farms	103 56	-	-	- 1	(D)	-	(D)
acres imigated 50 to 69 ecres	349 16 298	=	- - -	(D) - -	=	-	-
70 to 99 acres farms	25	_	_	_	-	_	-
100 to 139 acres acres irrigated	740	- 1 (D)	-	-	-	-	-
acres irrigated 140 to 179 ecres farms ecres irrigated	1 034 35 2 265	(D) - -	-		=	=	=
180 to 219 acres farms acres imigeted	19 1 511	Ξ.	-	Ξ.		<u>-</u>	=
220 to 259 acres farms acres imgated ecres imgated	30 3 201 120 19 071	- - 1 (D)	-	= =	=	=	1 (D)
500 to 999 acres ferms	160	_	1	_	_	_	-
ecres imgated 1,000 to 1,999 ecres farms	33 787 56	Ξ.	(D) -	- 1 (D)			-
ecres imgatedarms 2,000 acres or morearms acres irrigated	16 583 17 12 485	-	- -	(D) - -	-	-	=

Farms with irrigetion	Bleck Hewk	Boone :	Bremer	Buchenen	Buena Vista	Butlar	Calhoun
Farmsnumber, 1987	14	5	5	5	6	3	5
Land in irrigeted fermsacres, 1982 1982 1982	6 1 944 2 572	4 460 11	5 3 183 2 897	1 1 700 (D)	2 862 (D)	2 920 (D)	3 3 374 2 696
Hervested croplend farms, 1987 1982 acras, 1987	13 6 1 112	5 4 321	5 5 2 457	4 1 1 464	6 2 558	3 2 593	5 3 2 192
Other cropland, evoluting cropland	2 158	8	2 274	(D)	(D)	(D)	1 751
pesturedfarms, 1987 1982 ecres, 1987 1982	7 - 353	3 - 94 -	2 (D) (D)	(D)	5 2 225 (D)	2 (D) (D)	2 1 (D) (D)
Pesturaland, axcluding woodland pasturad farms, 1987	3	-	3	1	4	1	1
1982 ecres, 1987 1982	416 (D)	-	139 (D)	(D)	59 -	(D)	" (D)
Irrigeted lendacres, 1987 1982	160 (D)	6	203 282	218 (D)	(D) (D)	(D) (D)	537 (D)
Harvested croplend ferms, 1987 1982	13	5 4	5	4	6 2	2 2	5 3
acras, 1987 1982	(D) (D)	6 5	203 282	(D) (D)	(0)	(D) (D)	537 (D)
Pestureland and other lend farms, 1987 1982 acres, 1987	1 (D)	-	-	1 - (D)	-	2 (D)	=
1982 1987 irrigeted acres by size of farm:	-	-	-		- ;	-	-
1 to 9 acresfarmsacres imigated	6	3 (D)	-	-	- 1	-]
10 to 49 acresacres irrigated	3 7	1 (D)	-	2 (D)	3 9	1 (D)	(D)
50 to 69 ecresfarms acres irrigated	-	-	-	-	-	-	
70 to 99 acras	2 (D)	-			-	-	1 (D)
100 to 139 acresfarmsacres irrigeted	-	-	-	-	-	1 (D)	1
140 to 179 acres	-	-	-	-	1 (D)	· ·] :
180 to 219 acras farmsacras irrigated	-	-	-	-	-	-	-
220 to 259 acrasacres irrigated	1 (D)	-	2 (D)	-	= = =	=	ΙΞ
260 to 499 acresacres irrigated	-	1 (D)	1 (D)	2 (D)	2 (D)	-	1 (D)
500 to 999 acres farms	2	-	1	1	-	1	1
acras irrigated 1,000 to 1,999 acresfarms	(D) -	-	(D) _1	(D)	-	(D)	(D)
acres irrigated 2,000 ecres or moreacres irrigated acres irrigated	-	- - -	(D) - -	-	-		1 (D)
1992 ignizated serve by size of form:							(-,
1 to 9 acras farms acras irrigatad	(D)	4 5	1 (D)	-	-	-	-
10 to 49 acres acres irrigated acres irrigated	18		-	-	- 1	-	-
50 to 69 acras farms acras irrigatad	-	-	-	(D)	-	-	-
70 to 99 ecres farmsacres irrigeted	-	-	- 1	-	-	-	-
100 to 139 acresfarms	آ ا		1 (D)			-	-
140 to 179 scres	-	-	(D) (D)	=	- -	-	1 (D)
180 to 219 ecres farms ecres irrigated	-	-	-	-	- [-	-
220 to 259 acresfarms	-		1 (D)	-	-	1 (D)	1 (D)
260 to 499 acres acres irrigated	=	-	(D) - -	-	1 (D)	-	(5)
500 to 999 acres	-	-	-	-	1	1 (D)	-
1,000 to 1,999 acres farms	Ξ	-	-	-	(D) -	(D) -	Ξ.
acres irrigated 2,000 acres or more farms acres irrigated	1 (D)	-	- 1 (D)	-	-	-	1 (D)

[For meaning of abbreviations and symbols, see introductory text]							
Farms with irrigation	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farmsnumber, 1987_	3	1	3	8	4	11	2
Land in irrigated farmsacres, 1982	1 282 (D)	(D) (D)	2 411 (D)	9 1 878 2 964	631 (D)	7 6 754 5 792	(D) (D)
Harvested cropland	3 2 766	1 2 (D)	3 2 385	8 9 1 523	4 1 419	11 7 4 570	2 1 (D)
1982 Other cropland, excluding cropland	(D)	(D)	(D)	2 516	(D)	5 159	(D)
pasturedfarms, 1987 1982 acres, 1987	3 - 430	1 1 (D)	1 (D)	2 4 (D)	3 1 71	9 4 776	1
Pastureland, excluding woodland pastured farms, 1987	-	(D) 1	-	151	(D) 2	94	(D)
1982 acres, 1987 1982	-	1 (D) (D)	2 (D)	(D) (D)	(D)	6 704 146	(D) (D)
Irrigated landscres, 1987	(D)	(D) (D)	(D)	352 895	68	1 146	(D)
Harvested cropland farms, 1987	(D) 3	1	(D) 3 2	8 9	(D)	1 510	(D) 2
1982 acres, 1987 1982	(D) (D)	(D) (D)	(D) (D)	352 895	1 68 (D)	7 1 146 1 510	(D) (D)
Pastureland and other land farms, 1987 1982 acres, 1987	-	1	-		- - -	=	- - -
1982 1987 irrigated acres by size of farm:	- }	(D)	-	-	-	-	-
1 to 9 acres farms acres impated	-	-	1 (D)	(D)	1 (D)	_	1 (D)
10 to 49 acres farms acres irrigated	-	-	(D)	(D)	\ <u>-</u>	1 (D)	(D)
50 to 69 acresfarms acres imigated	-	-	1	-	-		-
70 to 99 acresfarmsacres irrigated	t (D)	-	_	1 (D)	1 (D)	1 (D)	_
100 to 139 acresfarms		-	=	(D)	-	(5)	_
140 to 179 acres farms acres irrigated	-	-	=	-	1 (D)	(D)	=
180 to 219 acresfarms	-	-	-	-	-	-	-
acres irrigated 220 to 259 acres farms	-	-	-	_	_	-	_
acres imgated 260 to 499 acres farms acres irrigated	1 (D)	1 (D)	1 (D)	1 (D)	(D)	2 (D)	-
500 to 999 acras farms	1	-	_	2	_	3	-
acres imgated	(D) -			(D)		575 1	_
acres irrigated 2,000 acres or more farms	-	-] =		(D)	_
acres imgated	-	-	-	-	-	(D)	_
1982 imgated acres by size of farm: 1 to 9 acresfarms	-	-	-	(D)	-	-	<u>-</u>
acres imigated 10 to 49 acres farms	1	-	=	1	=]	-
50 to 69 acres farms	(D) - -	-	- - -	(D) - -	=	= =	=
70 to 99 acres farms	-	_1	_	-	-	-	-
acres irrigated 100 to 139 acres farms	-	(D)	1	1	_] -] =
acres irrigated 140 to 179 acres	-	- - -	(D) 1 (D)	(D) - -	=	-	- -
180 to 219 acresacres irrigated	-	-	=	=		-	-
220 to 259 acresfarms acres irrigated	1 (D)	-	_] =	_	_	(D)
260 to 499 acresfarms acres irrigated	-	-	=	(D)	(D)	610	=
500 to 999 acres farms	-	_1	-	3 748	-	-	-
acres irrigated 1,000 to 1,999 acres farms	-	(D)] =	/48] =	3 900] =
acres irrigated	-	- -		=	<u> </u>	900	

Farms with irrigation	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatu
Farmsnumber, 1987	4	1	9	2	11		
1982 Land in irrigated farmsacres, 1987 1982	6 2 912 4 698	(D) (D)	3 1 386 42	1 (D) (D)	2 385 148	(D)	(D (D
Harvested cropland farms, 1987 1982 acres, 1987	4 6 2 266	1 2 (D)	9 3 940	2 1 (D)	11 4 1 755	2 - (D)	; (D
Other cropland, excluding cropland	2 979	8	16	(<u>a</u>)	125	(5)	(6
pastured farms, 1987	4 2	1	4 1	2	6	1	
acres, 1987 1982	424 (D)	(D) -	101 (D)	(D) -	333 (D)	(D)	(D
Pastureland, excluding woodland pastured farms, 1987 1982	2 3	1 2	6	2	7	1	
acres, 1967 1982	(D) 1 134	(D) (D)	234	(D) -	151 (D)	(D)	(D
rrigated landacres, 1987	276	(D)	86	(D)	133	(D)	(0
Harvested cropland farms, 1987	543 4	(D)	6 9	(D) -	55 11	2	(D
1982 acres, 1987 1982	6 278 543	(D) (D)	3 86 6	1 - (D)	3 133 (D)	(D)	(D) (D)
Pastureland and other land farms, 1987	-	-	-	2	_	1	
1982 acres, 1987		-	-	(D)	1 -	(D)	(D
1987 irrigated acres by size of farm:	-	-	-	-	(D)	· -	,
1 to 9 acresacres irrigated	-	-1	(D)	-	1 (D)	1 (D)	
10 to 49 acres farms acres irrigated	(D)	-	3 19	-	6 37	\\\	
50 to 69 acres farms acres irrigated	-	-	-	-	(D)	-	-
70 to 99 acres		1	-	_	-	-	
100 to 139 acres tarms	(D)	(D) -	-	-	-	-	
acres irrigated 140 to 179 acresacres irrigated acres irrigated	=	-	- 1 (D)	-	- 1 (D)	-	
180 to 219 acres farms	-	-	1	_	_	_	
220 to 259 acres farms	-	-	(D)	-	-	1	
acres irrigated 260 to 499 acres farms	_	-	(D)	-	-	(D)	(D)
acres irrigated	-	-	(D)	-	-	-	
500 to 999 acres farms acres imigated	1 (D)	-	-	2 (D)	1 (D)	-	-
1,000 to 1,999 acresfarms	(D) (D)		-[(0)	1 1	-	
2,000 acres or more farms acres irrigated	- -	=	-	-	(D) - -	-	(D
1982 irrigated acres by size of farm: 1 to 9 acres farms	_	_	2	1	_	_	
acres irrigated 10 to 49 acres farms	-		(D)	(D)	- 3		-
acres irrigated 50 to 69 acresacres irrigated acres imigated	=	-	(D) - -	-	(D) - -	-	-
70 to 99 acres farms	_	2	_	-	1	_	_
acres irrigated 100 to 139 acres farms	ī	(D)	-	- 1	(D)	-	-
acras irrigated 140 to 179 acres farms acres irrigated	(D) - -	-	-	- - -	-	-	
180 to 219 acresfarms	_	_	_	_	_	_	-
acres irrigated 220 to 259 acres farms	2	-	-	- 1	-1	-	
260 to 499 acresacres irrigated acres irrigated	(D) - -	-	-	-	-	-	-
500 to 999 acres	_	_		-	-	_	-
acres irrigated 1,000 to 1,999 acres farms	3	-	-	-	-	-	(D)
acres irrigated 2,000 acres or morefarms	378	-	-		-	-	-
acres irrigated.	-	-	-	-	[]	-	

Farms with imigation	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayatte	Floyd	Franklin
Farms number, 1987	2	7	4	5	6	7	9	9
1982_ Land in imigated farms acres, 1987 1982	(D)	1 853 734	1 508 1 542	2 284 (D)	1 769 2 555	3 2 944 490	6 5 857 3 335	3 590 (D)
Harvested cropland	2 (D)	7 4 1 265	4 4 927	5 2 137	6 4 1 183	7 3 1 601	9 6 4 410	8 2 2 700
Other cropland, excluding cropland pastured farms, 1987	1 (D)	572 3 3 105	1 344 3 1 402	(D)	1 666 4 1 358	411	2 575 6 3	(D) 6 1 407
1982	(6)	41	(D)	(D) (D)	(D)	211 (D)	573 128	(D)
Pastureland, excluding woodland pasturedferms, 1987 1982 acres, 1987 1982	-	1 (D) (D)	1 3 (D) (D)	1 1 (D) (D)	2 3 (D) (D)	2 3 (D) 49	4 2 385 (D)	2 - (D)
Irrigated landacras, 1987	(D)	(D) 311	(D)	18	311	425	911	281
Harvested croplandfarms, 1982	2	7	(D) 4	(D) 5	(D)	42 7	868 7	(D)
1982 acres, 1987 1982	(D)	4 (D) 311	4 (D) (D)	2 18 (D)	311 (D)	3 425 42	6 (D) 868	(D) (D)
Pastureland and other land	- - -	-	-	1 (D)	=	-	2 (D)	1 (D)
1987 imgated acres by size of tarm: 1 to 9 acres tarms tarms		2	1	(5)	1		1	,
acres irrigatad	- 1	(D) 3	(D)	(D) 3	(D)	-	(D)	(D)
acres irrigated 50 to 69 acres farms	(D)	11	-	(D)	-	(D)	-	
acres irrigated	-	-	-	-	(D)	(D)	(D)	(D)
70 to 99 acresfarmsacres irrigatad	-	-	-	-	-	-	1 (D)	1 (D)
100 to 139 acres farmsacres irrigated	1	-	1	-	-] [(0)	- (5)
140 to 179 acres farms ecres irrigated	(D) - -	-	(D) - -	= =	=	1 (D)	=	= -
180 to 219 acres tarms	-	-	-	-	-	1 (7)	-	-
acres imgated 220 to 259 acresfarms	-	-	1	1	1	(D) -	_	(D)
acres imgated 260 to 499 acres farms acres irrigated	=	1 (D)	(D) - -	(D) - -	(D) 2 (D)	(D)	(D)	(D) 2 (D)
500 to 999 acres tarms	-	-	-	-	1	_	.3	1
1,000 to 1,999 acrasfarms	-			-	(D)	-	499	(D)
2,000 acres or more farms acres irrigated		(D) - -	(D) -	=	=	1 (D)	1 (D)	(D) - -
1982 irrigated acres by size of farm:								
1 to 9 acres farms_ acres irrigated_ 10 to 49 acres farms_	-	-	-		-	-	-	-
acres irrigated !		(D)	2 (D)	1 (D)] -	-	-	-
50 to 69 acres farms acres irrigated	-	-	Ξ	-] -	_	(D)	-
70 to 99 acres tarms	-	1	-,	-	-	-	-	-
acres irrigated farms farms	-	(D) -	-	-] =	_	:	-
acres imgated 140 to 179 acres farms acres irrigated	- - -	- -	- -	1 (D)	=	3 42	= =	=
180 to 219 acres tarms acres irrigated	<u>-</u>	1 (D)	-	_		-	-	=
220 to 259 acres farms acres irrigated	<u>-</u>	-	<u>-</u>	-	:	-	-	-
260 to 499 acres	-	1 (D)	-	=	=	-	(D)	2 (D)
500 to 999 acrestarms	-	-	2 (D)	-	4	-	4 (D)	-
1,000 to 1,999 acres farms		-	<u> </u>] =	(D)	Ξ	(0)	-
acres irrigated	-	- -	-		=	- -	- - -	

Farms with irrigation	Framont	Greena	Grundy	Guthrie	Hamilton	Hancock	Hardin	Hamison
Farms number, 1987	11	9	_	4	3	8	9	78
Land in irrigated farmsacres, 1987 1982	14 045 9 722	3 614 1 619	(D)	1 537 (D)	321	4 581 2 970	971 (D)	69 57 442 48 642
Harvasted croplandfarms, 1987 1982 acras, 1987	11 8 10 957	9 4 2 669	1	4 2 860	3 - 228	8 6 3 351	9 2 528	78 69 44 144
Other cropland, excluding cropland pastured	8 099 10 6 2 009	1 396 8 2 742	(D) - - -	(D) 2 1 (D) (D)	1 (D)	2 694 7 2 996	(D) 1 (D)	43 562 65 28 8 231
1982 Pastureland, excluding woodland pastured farms, 1987	533	(D) 4	-	1	1	(D) 2	3	922
1982 acres, 1987 1982	4 855 427	3 146 152	-	(D) (D)	(D)	(D)	64 -	21 1 553 2 152
Irrigated landacres, 1987 1982	1 265 1 416	599 501	(D)	(D) (D)	(D)	586	(D)	15 933
Harvasted cropland	11 8 1 265	8 4 (D)	1	4 2	2 (D)	772 8 6 586	(D) 9 2	15 837 78 69 15 933
1982	(D)	501	(D)	(D) (D)	-	772	(D) (D)	(D)
Pastureland and other landfarms, 1987 1982 acres, 1987	1	2 (D)	-	- - -	1 (D)	- -	- - -	1
1982 1987 irrigated acres by size of farm: 1 to 9 acres	(D)	-	-	-	-		-	(D)
acres irrigated	- 2	(D)	-	(D)	(D)	(D)	6 3	- 3
acres irrigated 50 to 69 acres farms acres irrigated	(D) - -	(D) - -	-	-	-	-	6 -	43 - -
70 to 99 acres farms	-	-	-	_	_1	_	1	2
100 to 139 acras farms	-	-	-	-	(D) -	=	(D)	(D) -
acres irrigated farms	-	1 (D)	-	-	-		-	- 2 (D)
180 to 219 acrasfarms	-	-	-	-	-	-	_	_1
220 to 259 acrasacres irrigated _ acres irrigated _ acres irrigated _	- 1 (D)	-	-	-	1	1		(D) 8
260 to 499 acras farms acres irrigated	(D) 1 (D)	2 (D)	= [1 (D)	(D) - -	(D) 2 (D)	-	684 16 3 249
500 to 999 acras farms	1	4	-	-	-	2	_1	33
1,000 to 1,999 acras acras irrigated tarms acres irrigated	(D) 5 923	320 - -	-	1	-	(D) 2	(D) -	5 465 12
2,000 acras or moretarms acres imgated	1 (D)	-	=	(D) - -	-	(D)	- -	5 284 3 905
1982 irrigated acres by size of farm: 1 to 9 acres	-	1	1 .	_	-	1	1	_
10 to 49 acres farms	-	(D) -	(D) -	-	- -	(D) -	(D) -	
50 to 69 acres acres irrigated acres irrigated	-	-	-	-	- - -	-		1 (D)
70 to 99 acres tarms	_	-	_	1	_	_	_ !	1
100 to 139 acres farms	-	-	-	(D) -	-	-	-	(D) 2
acres irrigated 140 to 179 acres farms acres irrigated	-	-	=	-	-	- 1 (D)	=	(D) - -
180 to 219 acres farms acres irrigated	-	-	-	-	-	1 (D)	-	2 (D)
220 to 259 acres	- 1	- 2	-	- 1	-	- - 1	-	1 (D) 17
acres irrigated	(D)	(D)	-	(D)	-	(D)	-	2 646
500 to 999 acres farmsacres irrigated	963	1 (D)	-	-	-	-	1 (D)	30 6 885
1,000 to 1,999 acresacresacres or more	(D)	-	-	-	-	2 (D)	-	4 830
2,000 acres or more farms acres irrigated	(D)	-	-	-	-	- -	-	1 (D)

Table 7. Irrigation: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text]				· · ·				
Farms with irrigation	Henry	Howard	Humboldt	lde	lowa	Jeckson	Jasper	Jefferson
Farms number, 1987	2	3	3	-	2	8 2	10	5
Land in irrigated farmsacres, 1982 1982	5 (D) 600	2 435 (D)	2 2 117 (D)	(D)	(D)	2 677 (D)	1 854 1 630	2 316 (D)
Harvested croplandfarms, 1987 1982 acres, 1987 1982	2 5 (D) 353	3 2 356 (D)	3 2 1 657 (D)	1 (D)	2 (D)	6 2 1 290 (D)	10 7 1 766 1 227	5 2 1 222 (D)
Other cropland, excluding cropland pasturedfarms, 1987 1982 acres, 1987 1982	2 (D)	2 2 (D) (D)	3 1 387 (D)	-	1 (D)	-	4 3 53 207	2 1 (D) (D)
Pastureland, excluding woodland pastured farms, 1987 1982 acres, 1987 1982	- 3 149	1 (D)	1 (D)	1 (D)	1 (D)	4 1 862 (D)	2 (D)	1 (D)
irrigated landacras, 1987	(D)	(D) (D)	261	_	(D)	30	(D)	127
1982 Harvested croplandfarms, 1987 1982 acres, 1987 1882	45 2 5 (D) 45	(D) 2 2 (D) (D)	(D) 3 2 261 (D)	(D) 1 (D)	(D)	(D) 6 2 30 (D)	331 9 6 (D) (D)	(D) 4 2 (D) (D)
Pastureland and other landfarms, 1887 1982 acras, 1887 1982	-	1 (D)	=	-	=	-	1 1 (D) (D)	1 (D)
1987 irrigated acres by size of farm: 1 to 9 acres	_	1	-	-	=	_	1	_
acres irrigated 10 to 49 acres farms	-	(D) -	:	-	1	2	(D)	2
acras irrigated tarms tarms acras irrigated	-	-	- -	- -	(D) - -	(D)	15 1 (D)	(D) - -
70 to 99 acresfarms acres irrigated 100 to 139 acrestarms acres irrigated acres irrigated	-	- - -	-	-	- - 1 (D)	- - 1 (D)	3 72 1 (D)	= = = = = = = = = = = = = = = = = = = =
140 to 179 acres	-	-	- -	Ξ	<u> </u>	\ <u>-</u>	=	=
180 to 218 acres farms acres irrigated	-	1 (D)	- -	-	_	-	_	-
220 to 259 acres farms acres irrigated		(D)	1 (D)	-	-	_	-	-
260 to 499 acresfarms acres irrigated	2 (D)	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(D)	=	=	-	=	(D)
500 to 999 acres tarms acres irrigated	_	-	-	_	-	(D)	=	-
1,000 to 1,899 acrea	-	-	1 (D) - -	=	-	1 (D) -	(D) - -	(D) - -
1982 irrigated acres by size of farm:								_
1 to 9 acres tarms acres irrigated	(D)	=	<u> </u>	[]	(D)	1	- 2
10 to 49 acres farms_ acres irrigated_ 50 to 69 acres farms_ acres irrigated_	=	=	(D) - -	-	=	(D) -	(D) - -	(D) -
70 to 98 ecresfarms	_1	-	-	_	-	-	1 (D)	-
acres irrigated 100 to 139 acres farms	(D) -] -	-] =	_	_	(D)	=
acres irrigated farmsacres irrigatedacres irrigated	=	1 (D)	=	1 (D)	=	_	=	=
180 to 219 acres farms acres imigated	1 (D)	=	- - -	=	=	=	(D)	=
220 to 259 acrea farms_ acres irrigated 260 to 499 acrea farms acres irrigated	- - 1 (D)	=	1 (D)	=	=	= =	-	=
500 to 999 acres farms acres irrigated	=	1 (D)	=	=	=	=	2 (D)	=
1,000 to 1,999 acres ferms acres irrigated	Ξ.	_	-	_	_	_	-	-
2,000 acres or morefarms acres irrigated		_						

5								
Farms with imigation	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms number, 1987	17	1	-	7	14	18	17	1
1982 Land in irrigated farmsacres, 1987 1982	3 1 1 259 758	1 (D) (D)	1 (D)	5 2 754 2 906	5 359 193	12 1 473 484	14 8 483 6 244	(D)
Hervested croplandfarms, 1987 1982 acres, 1987	17 3 606	1 1 (D)	1	7 5 2 091	14 4 3 151	18 12 1 057	17 14 6 428	1 - (D)
Other cropland, excluding croplend pastured farms, 1987.	577 8	(D) -	(D) -	2 714 6	138	258 6	5 226 10	1
1982 acres, 1987 1982	1 109 (D)	(D)	-	3 547 81	407	3 196 54	1 316 395	(D)
Pastureland, excluding woodland pasturedfarms, 1987 1982 acres, 1987 1982	4 - 91 -	(D)	1 (D)	1 2 (D) (D)	8 1 1 351 (D)	2 4 (D) 76	5 7 192 114	(D)
Irrigated landacres, 1987 1982	152 5	(D) (D)	_ (D)	450 5 9 0	506	231	3 447	(D)
Harvested croplend	17 3 152 5	(D) (D) (D)	(D)	7 5 450 590	(D) 14 4 (D) (D)	189 16 12 (D) (D)	3 277 17 14 (D) (D)	(D)
Pastureland and other landfarms, 1987 1982 acres, 1987	- - -	-	-	-	1 (D)	2 1 (D)	1 1 (D)	-
1982 1987 irrigated ecres by size of farm: 1 to 9 acres	-	-	-	-	· -	(D)	(D)	-
acres imgated	4 6 4		-	=	1 (D) 3	5 6 9	- 3	-
50 to 69 acres acres acres acres acres acres acres acres acres rrigated.	34 2 (D)	- - -	- · - i		33 - -	68	23 - -	_
70 to 99 acres farms	2	1	_	_	1	1	3	_
acres irrigated 100 to 139 acres farms	(D) 4	(D)	-	1	(D)	(D)	106	-
140 to 179 acres farms acres irrigated	11 - -	- - -	-	(D) - -	2 (D)	(D) - -	1 (D)	1 (D)
180 to 219 acres	-		-	-	- :	_1	-	_
acres irrigated 220 to 259 acresacres irrigated acres irrigated	-	-	-	1	-	(D)	1	-
260 to 499 acresfarms acres irrigated	1 (D)	-	-	(D) 3 184	2 (D)	-	(D) 3 178	=
500 to 999 acres farms acres irrigated	-	-	-	2	4	.1	2	-
1,000 to 1,999 acres farms acres irrigated	-	-	-	(D)	185 1	(D) -	(D) 4	-
2,000 acres or more farms acres irrigated	=	=	-	-	(D) -	-	1 890	=
1982 irrigated acres by size of farm: 1 to 9 acres	1	_		_	2	4		
acres irngated	(D)	-	-	-	(D)	5	- - 1	-
50 to 69 acresacres irrigated acres irrigated acres irrigated	- 1 (D)	- - -	-	-	(D) - -	30 2 (D)	(D) 2 (D)	-
70 to 99 acres farms	_ [_		_	_	2	2	_
acres irrigated 100 to 139 acres farms	-	-	-	-	-	(D)	(D)	-
acres irrigated 140 to 179 acres farms acres irrigated	- - -	- - -	- - -	=	- 1 (D)	(D) - -	2 (D)	-
180 to 219 acresfarmsacresfards	-	-	-	-	:	_	-	<u>-</u>
220 to 259 acresfarms		1 (D)	-	1 (D)	-	-	1 (D)	-
260 to 499 acres farms acres irrigated	-	-	1 (D)	(D)	=	-	(D)	=
500 to 999 acresfarmsacres irrigated	1	-	-	-	-	-	3	-
1,000 to 1,999 acres farms acres irrigated	(D)	-	-	1		-	992	-
2,000 acres or moreacres irrigated	-	-	-	(D) - -	=	-	1 (D)	- -

Table 7. Irrigation: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text	J							
Ferms with irrigation	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monone
Ferms	16 14 6 528 3 331	6 370 -	3 2 1 064 (D)	10 5 697 259	8 8 1 011 1 489	4 6 2 127 5 813	7 3 2 818 2 240	90 73 77 429 57 068
Hervested croplandfarms, 1987farms, 1987 1982 acres, 1987	16 14 4 203	6 - 159	3 2 81	10 5 405	8 8 264	4 8 1 669	7 3 1 810	90 73 80 888
Other cropland, excluding cropland pastured	2 549 14 3 1 121 47	62	(D) 2 1 (D) (D)	161 5 74	1 320 1 3 (D) 108	5 140 3 3 322 205	1 864 7 3 397 129	52 401 86 34 12 820 1 362
Pastureland, excluding woodland pasturedfarms, 1987 1982 acres, 1987 1982	10 10 931 394	2 (D)	1 (D)	3 3 137 23	2 (D)	1 2 (D) (D)	1 (D)	17 17 1 386 1 712
Irrigated landacres, 1987	1 339 1 118 1 16	14	(D) (D) 3	74 64 10	12 10 7	771 1 845 4	828 (D)	25 152 22 010 90
Harvested croplandfarms, 1987	14 1 339 1 118	(O)	(D) (D)	5 74 64	8 (D) 10	771 1 845	828 (D)	73 25 152 22 010
Pastureland and other landfarms, 1987 1982 acres, 1987 1982	-	1 (D)	- - -	-	1 (D)	-	-	- - -
1987 irrigated acres by siza of farm: 1 to 9 acres farms acres irrigated	<u>-</u>	<u>.</u>	-	3 3	4 4	1 (D)	-	=
10 to 49 ecres farms_ acres imgated_ 50 to 69 acres farms_ acres imgated_	-	4 (D) -	1 (D) - -	2 (D) 1 (D)	(D) -	=	2 (D)	=
70 to 99 acresfarmsacres irrigatedforms	1 (D)	(D)	1 (D) -	1 (D)	-	-	-	1 (D) 1 (D)
acres irrigated farms acres irrigatedacres irrigated	=	(D) - -	=	(D)	-	=	=	311
180 to 219 acres farms_ acres imgated_ 220 to 259 acres farms_ acres imgated_	2 (D) 1 (D)	- - -	- - -	1 (D) - -	-	- - -	-	2 (D) 3 287
260 to 499 acres farms acres irrigatad	747	-	-	-	-	-	3 144	14 2 454
500 to 999 acres farms_ acres irrigated_ 1,000 to 1,999 acres acres irrigated_ 2,000 acres or more farms_ acres irrigated_ acres irrigated_	5 518 - - -	-	(D) - - -	- - - - -	1 (D) - - -	3 (D) - - - -	(D) - - - -	35 8 971 24 7 360 6 5 608
1982 irrigated acres by size of ferm: 1 to 9 acres	2	- -	- 1	2 (D)	4 4 1 1 (2)	-	-	- - 1 (0)
50 to 69 acres farms acres irrigated	(D) - -	- -	(D) - -	(D)	(D) - -	=	-	(D) - -
70 to 99 acres	1 (D) - - -	- - -	- - - - -	2 (D)	(D)	- - - - -	-	1 (D) 1 (D) 2 (D)
180 to 219 acres farms acres irrigated farms 220 to 259 acres acres irrigated farms 260 to 499 acres farms acres irrigated acres irrigated	3 231 4 500 3 165	- - - - -	- - - 1 (D)	- - - - -	- - - - -	- - - - -	-	- 3 550 17 3 587
500 to 999 acres	1 (D) - - -	- - - -	- - - -	- - - -	- 1 (D)	(D) 2 (D) -	3 (D) - - -	32 8 825 13 4 961 3 3 578

Farms with imigation								
	Monroe	Montgomery	Muscatine	O'Brien	Osceole	Pege	Pelo Alto	Plymouth
Ferms number, 1987 1982	2	2	36 27	4	11 13	7 3	30 22	14 17
Land in imigeted farmsecres, 1987 1982	(D) -	(D) (D)	9 497 6 207	1 537 1 103	5 233 5 724	4 397 3 181	20 562 14 951	8 692 11 169
Harvested croplendfarms, 1987 1982_	2	2	36 27	4	11	7	30	13
ecres, 1987 1982	(D)	(D) (D)	6 922 5 571	1 114 641	13 4 298 4 810	3 560 3 450	14 119	17 4 064
Other cropland, excluding cropland pastured	2	1		3	4 810	2 450	13 206	7 245
1982	- {	-	23 9	_	6	3 2	26 17	13 4
ecres, 1987 1982	(D) -	(D) -	2 110 167	287	558 257	288 (D)	4 065 700	1 309 168
Pastureland, excluding woodland pasturedfarms, 1987 1982 1	2	-	5 6	1	- 5	5 1	11 6	9
acres, 1987 1982	(D)	=	97 75	(D) (D)	411	453 (D)	632 154	10 2 711 2 842
Imgated landecres, 1987	(D)	(D) (D)	3 177	8	1 139	1 928	4 713	1 799
Harvested croplandfarms, 1987	- 2	(D) 2	2 784 35 26	(D) 4	1 743 11	(D) 7	3 734 29	2 987 13
1982 acres, 1987	- (D)	1 (D) (D)	26 (D)	4 8	13 (D)	1 928	(D)	17 (D)
1982	` _	(D)	(D) (D)	(D)	1 743	(D)	3 734	2 987
Pestureland and other landfarms, 1987	-	-	2	-	1	-	1	1
1982 acres, 1987	-	-	(D) (D)	-	(D)	1 -	(D)	(D)
1982 1987 imgated acres by size of farm:	-	-		-	-	(D)	-	-
1987 imgated acres by size of farm: 1 to 9 acres farms acres imgated	-	2 (D)	4 5	1 (D)	2 (D)	-	(D)	1 (D)
10 to 49 ecres tarmsacres impated	-	` <u>-</u>	8 93	(D)	-	-	(D)	"-
50 to 69 acresfarms acres irrigated	-	-	3 157	-	- -	1 (D)	(D)	-
70 to 99 ecres farms	-	-	-	_	-	_	_	_
acres imgated 100 to 139 acres farms	-	-	- 4	-	-	-	_	1
acres irrigated 140 to 179 acres farms	-	-	163 4	_	1	-] -	(D) 2
acres irrigated	-	-	461	-	(D)	- ,	(D)	(D)
180 to 219 acres farms acres irrigated		-	2 (D)	-	-	-	-	-
220 to 259 acres farms acres irrigated	1 (D)	-	(D)	-	3 210	1 (D)	-	2
260 to 499 acres farms acres imigated_	(5)	-	2	1 (D)	-	2	2	(D)
	- [-	(D)	(0)	-	(D)	(D)	(D)
500 to 999 acres farms acres irrigated	1 (D)	-	4 851	-	3 399	1 (D)	20 3 067	4 786
1,000 to 1,999 acres farms acres irrigated	(1)	-	3 656	1 (D)	(D)	(D)	1 449	(D)
2,000 acres or more ferms acres irrigated	-1	-	-	(0)	(0)	(0)	1 449	1
	-		-	-	_	-	-	(D)
1982 irrigated acres by size of farm: 1 to 9 acres farms acres irrigated	-		_1	-	1	-	-	-
10 to 49 acres tarms		(D) -	(D) 4	_2	(D) -	-	-	_
acres irrigated 50 to 69 acres farms	-	-	44	(D) -	-	-	-	-
acres irrigatad	-	- [108	-	- 1	-	-	-
70 to 99 acres farms acres imgated	-	- 1	-	-	-	-	1 (D)	· _
100 to 139 acres farms acres irrigated	-	-	2	-	-	-1	-	-
140 to 179 acres farms acres imigated	-		(D) 6 569	1 (D)	- 1 (D)	-	-	3 241
180 to 219 acres farms acres irrigated	-	-	(D)	-	-	-	-	-
220 to 259 acres farms acres irrigated	-	-	-	-	-	-	1 (D)	-
260 to 499 acres Ťarms acres irrigated	-	-	5 955	-	6 819	1 (D)	(D)	3 430
500 to 999 acres farms	-	-	4	_1	4	1	8	8
1,000 to 1,999 ecresfarms	-	-	807	(D) -	575 1	(D)	2 128 5	1 136 2
acres irrigated	-	-	-		(D)	- 1	806	(D) 1
acres irrigated	-	-		-	-	(D)	-	(D)

Table 7. Irrigation: 1987 and 1982—Con.

tror meaning of abbreviations and symbols, see introductory	text		T			T		
Farms with irrigation	Pocehontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms number, 198		12	18	3	2	8	17	3
Land in imgatad farmsscres, 198	7 1 983	1 046 137	13 8 435 9 289	1 392 (D)	(D)	2 651 2 107	15 1 283 1 226	728
Harvested croplandfarms, 198		12	18	3	2	8	17	3
198 acres, 198 Other cropland, excluding cropland	7 1 682	6 754 69	13 6 815 7 610	252 (D)	(D)	1 978 2 053	15 833 980	425
pasturedfarms, 198		3 2	6 5	2	-	4	4 5	2
acres, 198 198	7 (D)	69 (D)	1 311 530	(D) -		422 (D)	150 21	(D)
Pastureland, excluding woodland pasturedfarms, 198	2 1	3	1 2	-	2	3 2	4 3	1
acres, 198 198		56	(D) (D)	-	(D) -	124 (D)	25 135	(D)
Irrigated landacres, 198	(E)	(D)	1 984	(D)	(D)	707	202	(D)
Harvested croplandfarms, 198	' \ 4	7 12	1 302	(D) 3	2	791 8	158 17	3
198. acres, 198 198.	' (D)	5 (D) (D)	13 1 984 1 302	(D) (D)	(D)	707 791	15 202 (D)	(D)
Pesturaland and other landfarms, 198		- 1	-		-	_	- 2	-
acres, 198 198	'	(D)	-	-	-	-	(D)	-
1987 imigated acres by size of farm: 1 to 9 acres farm:	i _	7	5	1	_	1	5	,
acres irrigate 10 to 49 acres farm	s	8	12	(D)	-	(D)	5 7	(D)
50 to 69 ecres farm	s -	(D)	32	(D)	-	(D)	48	-
acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acras farm acres irrigate:	- 1	1 (D)	1 (D)	-	1 (D)	_	1 (D)	-
100 to 139 acres farm:		-	-	-	1 (D)	_	(D)	-
140 to 179 acres farm. acres imigate:		-	-	-	-	-		1 (D)
180 to 219 acres farm: acres irrigate	<u>-</u>	-	-	-	-	-	1	-
220 to 259 acres	i [1	1 (D)	-	-	-	1	(D)	-
260 to 499 acresfarm: acres irrigated	i ` f	(D) (D)	-	1 (D)	-	(D) 2 (D)	-	=
500 to 999 acras farms		-	3	_	_	,	1	1
1,000 to 1,999 acres farm:	i ` <u>-</u>	-	375 2	-	-	(D)	(D)	(D)
acres imigated 2,000 acres or mora farms		-	(D) 1	-	-	(D)	-	-
acres irrigated acres by size of farm:		-	(D)	-	-	-	-	-
1 to 9 acres farm: acres irrigated		4 (D)	4 5	1	-	-	5	-
10 to 49 acres farms acres irrigated		i i	1	(D)	-	_	13	_
50 to 69 ecresfarm: acres irrigated		(D) - -	(D) - -	-	-	-	32 1 (D)	- - -
70 to 99 acres farms		1	-	- -	_	_	1	_
acres irrigated		(D) -	-	- -	- -	-	(D) 2	-
acres irrigated 140 to 179 acres farms acres irrigated		-		-	-	- 1 (D)	(D)	-
· ·		_		-	-	(D)	-	_
180 to 219 acres farms acres irrigates		-		-	-	(D)	1 (D)	-
220 to 259 acres		-	- -	-	-		-	
acres irrigated	= = =	-	(D)	-	-	(D)	-	-
500 to 999 acres farms acres irrigated		-	4	-	-	.1	1	-
1,000 to 1,999 acres farms acres impated	`] [440 2	-	-	(D) -	(D) -	-
2,000 acres or more farms acres imgated acres imgated		-	(D) 1 (D)			-	-	-
25.03 11192150	"		(5)				-	

Table 7. Irrigation: 1987 and 1982—Con.

[For meaning of appreviations and symbols, see introductory te	<u> </u>		_					
Farms with imigetion	Sioux	Story	Tama	Teylor	Union	Ven Buren	Wepello	Warren
Fermsnumber, 1987		15	5	-	2	3	2	7
Land in irrigated fermsecres, 1982 eres, 1982 1982	. 31 242	6 3 242 3 651	1 428 (D)	(D)	(D) (D)	136	1 (D) (D)	567 365
Hervested croplendfarms, 19871982	. 57	15 6	5 2	_ 2	2 2	2	2	7 4
ecres, 1987 1982 Other croplend, excluding croplend		2 394 2 888	897 (D)	(D)	(D) (D)	(D) -	(D) (D)	149 334
pestured	. 51 . 22	10	3	-	1	2	_	5
acres, 1987	. 6 897	333 231	154 (D)	(D)	(D)	(D)	-	158
Pastureland, excluding woodland pasturedfarms, 1987 1982	14 23	2 3	3 2	2	1 -	1 -	-	3 1
acres, 1987 1982	. 1 478	(D) 140	200 (D)	(D)	(D)	(D) 	=	151 (D)
Irrigeted lendacres, 1987 1982		307 204	(D) (D)	_ (D)	(D) (D)	42	(D) (D)	57
Hervested croplendfarms, 1982farms, 1982	. 58	14	5 2	- 2	2 2	1	2	(D) 7
acres, 1987 1982		(D) 204	(D) (D)	(D)	(D) (D)	(D)	(D) (D)	57 (D)
Pesturelend end other landfarms, 1987farms, 1982	1 2	2	1	-		2	_	-
acres, 1987 1982	. (D)	(D)	(D)	-	-	(D)	-	-
1987 irrigated acres by size of farm: 1 to 9 ecres farms		2	_1	_	1	-	1	2
acres imgated	. ` 1	(D) 5	(D)	_	(D) -	2	(D)	(D)
acres irrigeted		11 2 (D)	(D) - -	=	=	(D) - -	(D) - -	(D) 1 (D)
70 to 99 acresfarms	4	-	-	-	-	_1	-	_
ecres imgeted	. 3	1	-	-	_	(D) -	_	1
acres imigated	. 3	(D) 1 (D)	-	- - -	-	=	-	(D) 1 (D)
180 to 219 acres farms	. 1	1	-	-	-	-	-	1 (5)
acres irrigated	. 3	(D) 1 (D)	-	-	-	-	_	(D)
260 to 499 acres	. 18	- - -	2 (D)	-	1 (D)	=	=	=
500 to 999 acres farms	16	1	1 (5)	-	-	-	-	-
acres irrigated	. 8	(D) 1 (D)	(D) -	-	-	-	-	-
2,000 acres or more farms acres imgaled acres imgaled	- 1	(D) -	-	-	-	=	-	=
1982 injusted acres by size of farm:								
1 to 9 acres farmsacres imigated	<u> </u>	-	- -	-	(D)	-	-	1 (D)
10 to 49 acres tarmsacres irrigated.	3 10	3 12	-	-		-	_	(D)
50 to 69 acres farms_ acres irrigated_	-	-	-	-	-	-	-	-
70 to 99 acres farms	2	-	_	-	-	_	1 (5)	_1
acres irrigated	. j	-	-	-	-	-	(D)	(D)
acres irrigated	. 4	1 (D)	-	-	=	= =	=	=
180 to 219 acres farms	4	1	-	1	-	_	-	-
220 to 259 acres	. 9	(D) -	-	(D) -	_	-] -	1
acres irrigated	20	- - -	- -	1 (D)	=	- -	- - -	(D) - -
500 to 999 acres farms	13	-		-	-	_ :	-	_
1,000 to 1,999 acresfarms	. 1	-	(D) -		-	-	_] :
acres imgated_ 2,000 acres or more farms_ acres imgated_	. '-	- 1 (D)	- 1 (D)	-	-	- - -	-	=
	1	(5)	(5)				L	

Farms with imgetic	on	Washington	Wayne	Webster	Minanha				
Ferms	number, 1987	7	wayne		Winnebago	Winneshiek	Woodbury	Worth	Wright
Land in imgeted farms		6 190 296	2 - (D)	4 4 197 229	2 (D) (D)	2 3 (D) 1 374	25 29 18 488 22 987	3 8 1 499	4 2 722
Harvested cropland	farms, 1987	7		4	` '		22 907	2 359	(D)
	1982 ecres, 19 8 7	60	2	4 161	2 2	2	25 28	3 6	4 2
Other cropland, excluding cropland pestured		278	(D)	170	(D) (D)	(D) 1 140	14 069 20 259	1 180 2 027	402 (D)
	1982 acres, 1987 1982	1 (D) (D)	-[(D)	(D)	(D)	19 10 3 517	2 5 (D)	4 1 116
Pastureland, excluding woodland pasture	redfarms, 1987	2					732	210	(D)
	1982 acres, 1987 1982	(D)	1 - (D)	(D)	1 (D)	3 (D)	4 12 322	2	1 - (D)
irrigated land	acres, 1997	48					900	(D)	-
Harvested cropland		27	(D)	(D) (D)	(D) (D)	(D) (D)	4 930 8 372	(D) 399	(D) (D)
	1982 acres, 1987 1982	5 48 (D)	(D)	4 (D) (D)	2 2 (D)	3 (D) (D)	25 29 4 930	3 6 (D)	(D) 4 2 (D) (D)
Pastureland and other land	ferms, 1987	_		,-,		(0)	8 372	399	(D)
	1982 acres, 1987	1	-	-	1	-	-	-	1
1987 imigated acres by size of farm:	1982	(D)	-	-	(D)	-	-	-	(D)
1 to 9 acres		3 15	-	2	-1	1	4	- i	_
10 to 49 acres		3 (D)	-	(D)	(D)	(D) -	4	(D)	
50 to 69 acres	acres irrigated	(D)	-	(D)	=	-	ž	-	(D)
70 to 99 acres	farms			(0)	-	-	(D)	-	-
100 to 139 acres	acres irrigated	-	-		-	=	-	-	_
140 to 179 acres		=	-	(D)	(D)	-	(D)	-	(D)
180 to 219 acres	tarme				-	-	-	-	-
220 to 259 acres	acres imgated	-	-	-	-	-	-	-	-
260 to 499 acres		Ξ1	-	-	-	-	(D)	-	-
	acres irrigated	-	-	-	-	-	1 212	-	1 (D)
500 to 999 acres	acres imigated	-	-	-	_	_]	5		(5)
1,000 to 1,999 acres	ferms	-	-	-	-	-	1 076	(D)	-
2,000 acres or more	ecres imgated ecres imgated	-	-	-	-	(D)	1 087	-	-
1982 irrigated acres by size of farm: 1 to 9 ecres	ferms	3	_				(D)	-	-
10 to 49 acres	acres irrigeted	4	- 1	(D)	(D)	-	(D)	-	-
50 to 69 acres		-	(D) - -	(D)	(D)	- - 1 (D)	(D)	-	(D)
70 to 99 acres	farms	2	_			(0)	(D)	(D)	-
100 to 139 acres	acres irrigated	(0)	-	(D)	-	-1	-	-	=
140 to 179 acres		(D) - -	-	(D)	-	-	(D)	- 2	:
180 to 219 acres	farms	_				-	(D)	(D)	-
220 to 259 acres		Ξ1	-	-	-	-]	1 (D)	-	
260 to 499 acres	acres irrigated	-	-	-	-	-	(D)	-	-
	acres irrigated	-	(D)	-	-	(D)	2 130	-	-
500 to 999 acres		-	-	-	-	1	7	3	
1,000 to 1,999 acres	ferms	-	-	-	-	(D)	1 492	390	Ξ
2,000 acres or more	acres imgated	-	-	-	-	-	1 627	-	
	galada						2 870		Ξ.

Table 8. Machinery and Equipment on Place: 1987 and 1982

[Deta are based on a semple of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms		lowe	Adeir	Adams	Altemakee	Appanoose	Audubon	Bentor
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery a equipment	ferms, 1987	104 901	971	681	1 061	884	844	1 430
	\$1,000, 1987	115 266 5 543 375	1 065 49 068	737 25 715	1 134 57 082	893 27 244	905 45 383	1 585 79 206
Average per farm	1982 dollars, 1987 1982	6 731 271 52 844 58 398	52 001 50 533 48 827	35 340 37 760 47 952	66 402 53 800 58 556	24 852 30 819 27 829	50 910 53 771	97 917 55 389 61 778
Farms by value group: \$1 to \$9,999	1	19 531	139	162	197	21 629	56 254 180	166
\$10,000 to \$19,999	19821987	19 951 15 609	114 166	96 182	113 167	294 214	136 95	270 258
\$20,000 to \$29,999		15 825 12 464	144 146	160 56	237 61	226 119	142 142	229 153
\$30,000 to \$49,999	1982 1987 1982	13 511 16 318 16 793	155 167 280	94 72 153	133 262 118	76 165 171	106 131	142 229
\$50,000 to \$69,999		12 639 14 008	139 147	89	106	28	169 73	234 235
\$70,000 to \$98,899	1982 1982	10 272 12 006	55 87	80 55 47	192 79 121	37 37 46	94 59 65	189 140
\$100,000 to \$199,999	1987	14 193 17 527	145 100	55 84	156 159	54 28	118 149	197 216 245
\$200,000 or more	1987	3 875 5 645	14 38	10 23	33	20 15	46 44	33 79 32
\$200,000 to \$499,999 \$500,000 or more	1987	3 763 112	12	10	25 8	20	45 1	32
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups		93 674	855	630	949	790	684	1 330
	1982 number, 1987	101 739 143 433	1 002 1 262	679 986	1 016 1 273	736 1 118	822 1 067	1 408 1 967
Wheel tractors		147 663 97 120	1 299 932	1 064 624	1 303 1 031	994 772	1 192 764	1 992 1 377
	1982 number, 1987	104 017 302 392	980 2 609	700 1 582	1 008 3 519	759 1 751	798 2 441	1 464 4 300
Less than 40 horsepower (PTO)	1982 farms, 1987 number, 1987	305 334 48 200 79 062	2 842 393 629	1 898 290 459	3 265 600	1 692 288	2 459 349	4 441 695
40 horsepower (PTO) or more	farms, 1987 number, 1987	85 755 223 330	832 1 980	555 1 123	1 056 889 2 463	413 660 1 338	569 693 1 872	990 1 262 3 310
Grain and bean combines ¹		55 575 54 993	466 533	318	454	300	432	766
	number, 1987 1982	60 004 57 726	473 589	353 347 364	354 455 354	275 399 283	456 452 487	876 801 906
Cottonpickers and strippers		5 2 5	-	-	-	-		900
	number, 1987 1982	-	-		-	<u> </u>	-	-
Mower conditioners	ferms, 1987 1982	29 756 27 138	281 388	183 208	803 702	335 230	197 193	385 382
	number, 1987 1982	31 333 28 401	291 417	190 209	841 726	363 230	204 216	396 388
Pickup balers	1982	40 640 43 063	437 528	261 400	832 807	467 424	263 297	644 659
	number, 1987 1982	46 867 47 776	529 631	321 507	1 068 961	578 518	286 331	738 752
1987 INVENTORY						1		
Menufectured 1983 to 1987: Motortrucks, including pickups	forme	26.000	200	100	220	470	244	210
Wheel tractors	number	26 088 28 331 12 351	266 312	126 130	230 234 105	178 196 57	211 256 124	319 348 203
Less than 40 horsepower (PTO)	number	17 313 2 808	93 123 22 22	21 29 1	197 11	58	207	266 50
	number	3 191	22	(D)	12	-4 03		
Less then 40 horsepower (PTO)	farms	46 231	378	289	600	288	319	654
40 horsepower (PTO) or more	number ferms	75 871 83 540	607 807	(D) 548	1 044 854	413 649	537 644	937 1 245
Grain and bean combines	number	209 208 49 234 53 158	1 879 372 379	(D) 236 263	2 278 415 416	1 280 275 347	1 697 362 380	3 097 679 696
Cottonpickers and strippers	farms	-	-	263	416	-	-	-
Mower conditioners	number farms	25 638	222	168	644	271	164	355
	number ferms	26 932 38 284	225 393	175 252	680 766	299 454	165 250	365 620

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of ferms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Bleck Hewk	Boone	Bremer	Buchanan	Buena Vista	Butler	Celhoun
VALUE OF MACHINERY AND EQUIPMENT	DIGER FIGWA	200110	Dielile.	Buonanan	Daeria Vista	Datie	Comban
EGOIPMENT							
Estimated market value of all machinary and equipment farms, 1987	1 264	1 029	1 140	1 331	1 097	1 294	992
1982 \$1,000, 1987	1 352 65 952	1 153 57 799	1 287 57 864	1 403 67 189	1 185 67 354	1 466 65 791	1 164 60 596
Average per farmdollars, 1987	80 318 52 177	73 228 56 170	67 711 50 758	83 948 50 480	80 144 61 398	84 244 50 843	75 703 61 085
Forms by value group:	59 407	63 511	52 612	59 835	67 632	57 465	65 037
\$1 to \$9,9991987 1982	297 279	160 214	238 241	282 228	140 118	282 262	186 148
\$10,000 to \$19,9991987 1982	186 185	169 143	187 200	240 258	156 108	174 202	143 99
\$20,000 to \$29,9991987 1982	158 183	139 134	134 164	120 120	143 136	175 128	56 156
\$30,000 to \$49,9991987 1982	169 167	129 110	113 254	260 206	146 222	210 225	116 180
\$50,000 to \$69,9991987 1982	133 173	108 122	160 99	125 195	141 146	104 249	145 132
\$70,000 to \$99,9991987 1982	119 100	87 131	97 107	77 130	130 139	139 95	117 157
\$100,000 to \$199,9991987 1982	140 155	211 236	187 147	174 173	195 270	163 237	176 235
\$200,000 or more1987 1982	62 110	26 63	24 75	53 93	46 46	47 68	53 57
\$200,000 to \$499,999	61	25 1	24	52 1	46	46 1	53
SELECTED MACHINERY AND							
Motortrucks, including pickups farms, 1987	1 116	939	986	1 081	985	1 098	886
1982. number, 1987.	1 257 1 851	1 029 1 468	1 141 1 423	1 177 1 562	1 062 1 560	1 234 1 528	1 049 1 408
1982 Wheel trectors farms, 1987	1 831 1 155	1 566 947	1 480 1 045	1 708 1 236	1 574	1 601 1 182	1 614 937
1982	1 232 3 566	1 070 3 034	1 221 3 340	1 322 3 748	1 122 3 276	1 305 3 804	993 3 096
1992 1992 Less than 40 horsepower (PTO) farms, 1987	3 523 677	3 158 463	3 420 621	3 770 556	3 467 521	3 846 610	2 959 442
number, 1987_ 40 horsepower (PTO) or more farms, 1987_	1 161 975	812 875	1 145 882	925 1 115	895 893	1 036 1 021	823 837
numbar, 1987	2 405	2 222	2 195	2 823	2 381 657	2 768	2 273 568
Grain and bean combines¹ farms, 1987 1982	634 592	635 590	600 548	665 634 740	694 710	766 816	668 606
number, 1987 1982	680 670	650 598	620 555	662	723	807	703
Cottonpickers and strippers farms, 1987 1982	-	-	-	-	-	-	=
number, 1987 1982	-		-	-	-	-	
Mower conditioners farms, 1987 1982	344 268	166 172	341 301	327 335	137 193	428 290	182 112 205
number, 1987 1982	351 287	174 176	359 301	327 345	146 199	437 296 682	119 268
Pickup balars farms, 1987 1982 number, 1987 1982	452 382 502 398	280 231 323 283	532 517 567 525	495 513 576 595	229 226 233 234	601 734 616	230 284 265
1987 INVENTORY							
Manufactured 1983 to 1987:	2.2	252	201	267	190	257	227
Motortrucks, including pickups fermsnumber	346 382	250 263 138	291 307 149	267 284 167	225 154	269 149	245 126
Wheel tractors farms number Less than 40 horsepower (PTO) farms	115 149 31	169	179 20	219 38	217 51	179	158
40 horsepower (PTO) or more farms	32 106	19	21 138	53 138	56 120	34 118	33 37 109
Grain and been combines farms	117 72	150 77	158 118	166 83	161 49	145 122	121 55
number Cottonpickers and strippersfarms	74	77	118	85	53	122	55
number Mower conditioners farms	- 58	17	38	51	16	77	18
number_ Pickup balers ferms_	58 21	17 12	38 33	51 48	16 8	77 53	27 13
Manufactured prior to 1983:	21 973	12 825	33 774	56 926	8 897	53 942	13 738
Motortrucks, including pickupsfarms number Wheel trectorstarms	1 469 1 127	1 205 934	1 116 1 015	1 278 1 200	1 335 954	1 259	1 163 929
Lass than 40 horsepower (PTO)tarms	3 417 648	2 865 462	3 161 613	3 529 540	3 059 480	3 625	2 938 434
18715 - 18715	1 129 947	793 858	1 124 836	872 1 085	839 863	1 002 1 008	786 813
Grain and bean combines	2 288 563 606	2 072 561 573	2 037 484 502	2 657 583 655	2 220 612 657	2 623 663 694	2 152 526 551
Cottonpickers and strippersfermsnumber	-	-	-	-	-	-	-
Mower conditioners farms farms	286 293	149 157	303 321	276 276	121 130	352 360	166 178
Pickup belers farms farms number	432 481	269 311	505 534	461 520	222	643 681	256 271

Table 8. Machinery and Equipment on Place: 1987 and 1982-Con.

[Data ere based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
VALUE OF MACHINERY AND EQUIPMENT			7,1			0.000	Official	Olarko
Estimated market value of all machinery an equipment		1 314	942	1 170	922	1 091	1 054	608
	1982 \$1,000, 1987	1 396 66 718	1 087 46 846	1 323 71 998	1 033 60 390	1 214 58 070	1 180 53 539	693 766 22 133
Average per farm	1982 dollars, 1987	75 245 50 775	62 542 49 730	97 201 61 537	73 229 65 498	71 719 53 227	62 389 50 796	31 864 31 938
Farms by value group:	1982	53 901	57 537	73 470	70 889	59 077	52 872	41 599
\$1 to \$9,999 \$10,000 to \$19,999	1982	214 163 177	208 243 137	215 204 69	136 145	111 146	162 215	159 201
\$20,000 to \$29,999	1982	193 159	93 121	120 150	73 99 94	181 194 106	172 162 94	187 128 112
\$30,000 to \$49,999		168 238	184 140	130 179	149 191	45 231	194 210	79 84
\$50,000 to \$69,999		270 160	125 116	191 166	134 145	233 175	228 130	106 58
\$70,000 to \$99,999		232 201	137 65	128 115	118 85	151 113	91 141	102
\$100,000 to \$199,999	1982 1987 1982	146 115 188	77 130	181 234	113 133	171 154	98 124	45 50 42 83 6
\$200,000 or more	1987	50 36	155 25 73	267 42 102	198 65 77	237 20 37	138 21 54	83
\$200,000 to \$499,999 \$500,000 or more	1987	49 1	24	41	62 3	20	20 1	17 6 -
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups		1 108	830	1 114	840	1 005	924	605
	1982 number, 1987	1 205 1 525	938 1 292	1 210 1 697	865 1 488	1 033 1 430	1 059 1 290	700 861
Wheel tractors		1 729 1 175	1 396 879	1 637 1 134	1 281 852	1 444 1 029	1 367 971	986 633
	1982 number, 1987	1 284 3 968	982 2 615	1 218 3 603	979 2 747	1 129 3 114	1 015 3 238	660 1 560
Less than 40 horsepower (PTO)	1982 farms, 1987 number, 1987	3 809 548 1 001	2 640 443 660	3 626 459 739	2 819 440 782	3 449 421	3 208 515	1 604 291
40 horsepower (PTO) or more	number, 1987	1 090 2 967	770 1 955	1 032 2 864	756 1 965	621 962 2 493	893 909 2 345	532 530 1 028
Grain and bean combines1		837 710	562 606	677 597	550 547	661 615	610	296
	number, 1987 1982	877 747	626 627	690 606	615 576	677 631	579 644 609	263 302 272
Cottonpickers and strippers			-	-	-	-	-	
	number, 1987 1982	-	-	-	-	-	_	
Mower conditioners	1982	275 267	191 303	235 260	137 117	187 206	390 340	246 269
Dickup halara	number, 1987 1982	290 277	216 303	248 265	157 118	193 215	423 365	250 269
Pickup balers	1982 number, 1987	324 373 343	312 367 375	500 556 566	273 269 322	333 398 351	489 542 548	335 399 382
1987 INVENTORY	1982	390	454	634	285	422	560	434
Manufactured 1983 to 1987:								
Motortrucks, including pickups	number	340 350	284 303	447 514	228 239	247 266	197 210	111
Wheel tractors	number	150 202	123 173	266 449	113 164	137 221	88 123	123 43 68
Less than 40 horsepower (PTO)	number	39 40	57 58	80 80	18	44 52	4 5	13 17
40 horsepower (PTO) or more	number	114 162	96 115	217 369	100 146	129 169	86 118	39 51
Grain and bean combines	number	84 84	79 80	121 121	97 99	95 96	53 54	10 11
Cottonpickers and strippers	number	-	-	-	-	-	-	
Mower conditioners	number	46 46	33 33	36 36	6 6	13 14	25 25	30 34 32 32
Pickup balers Manufactured prior to 1983:	number	35 35	15 15	35 42	8 10	10 10	42 42	32 32
Motortrucks, including pickups	number	857 1 175	681 989	844 1 183	730 1 249	851 1 164	795 1 080	554 738
Wheel tractors	number	1 154 3 766	854 2 442	1 019 3 154	828 2 583	976 2 893	955 3 115	629 1 492
Less than 40 horsepower (PTO)	number	538 961	400 602	381 659	424 764	379 569	512 888	287 515
40 horsepower (PTO) or more	number	1 067 2 805 756	752 1 840 494	964 2 495 557	744 1 819 454	916 2 324 567	891 2 227 564	530 977 286
	number	793	546	569	516	581	590	291
Cottonpickers and strippers	number l	_ =	-	-	-	-		-
Mower conditioners	number	231 244	165 183	211 212	131 151	174 179	366 398	216 216
Pickup balers	number	291 308	297 360	472 524	266 312	325 341	473 506	312 350

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviationa and symbols, see introductory text]

All Ferms	Clay	Cleyton	Clinton	Crawford	Dallas	Davis	Decatur
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 1987	877	1 706	1 432	1 339	1 081	921	703
1982 \$1,000, 1987	1 045	1 725 98 431	1 558 70 612	1 511 65 387	1 208 62 058	954 28 106	769 21 353
1982 Average per farmdollars, 1987	73 975	105 910 57 697	102 096 49 310	74 146 48 833	68 781 57 408	35 798 30 517	28 967 30 374
Farms by velue group:	70 790	61 397	65 530	49 071	56 938	37 525	37 669
\$1 to \$9,9991987	152	303 247	255 213	201 176	290 296	265 261	265 184
\$10,000 to \$19,9991982	115	212 241	285 178	221 193	122 172	196 211	88 183
\$20,000 to \$29,999	105	181 161	181 203	172 360	105 142	180 187	104 98
\$30,000 to \$49,9991987	140	269 291	240 294	254 243	171 87	139 108	122 106
\$50,000 to \$69,9991982	111	170 228	143 190	186 233	105 152	33 46	52 72 24 56 37 52
\$70,000 to \$99,8991982	142	215 244	139 112	107 107	53 142	44 38	24 56
\$100,000 to \$199,999	202	305 190	126 274	163 155	171 137	58 76	37 52
\$200,000 or more1987	78	51 123	63 94	35 44	64 80	6 27	18
\$200,000 to \$499,9991987 \$500,000 or more1987	31 1	49 2	56 7	35	62 2	5 1	11
SELECTED MACHINERY AND EQUIPMENT						!	
Motortrucks, including pickups farms, 1987	827	1 527	1 275	1 182	919	782	647
1982 number, 1987	1 279	1 508 2 247	1 387 1 946	1 285 1 776	1 084 1 678	872 1 069	663 941
1982 Wheel tractors farms, 1987	835	1 936 1 610	2 106 1 316	1 718 1 160	1 683 981	1 129 793	1 022
1982 number, 1987	2 532	1 652 5 539	1 443 4 399	1 406 3 663	1 127 2 771	860 1 958	712 1 668
Less then 40 horsepower (PTO) farms, 1987	338	4 794 891	4 633 607	3 913 537	2 971 478	2 041 375	1 874 334
number, 1987 40 horsepower (PTO) or more farms, 1987	781	1 520 1 459	1 004 1 169	837 1 030	740 802	532 656	554 527
number, 1987 Grain and bean combines ¹ farms, 1987	574	4 019 760	3 395 668	2 826 697	2 031 523	1 426 347	1 114 270
1982 number, 1987	636	622 832	722 684	721 720	631 638	333 386	232 300
1982 Cottonpickers and strippers farms, 1987	-	623 -	734	745	678	353	234
1982 number, 1987		-	-	_	_	=	-
1982 Nower conditioners farms, 1987	142	1 128	- 491	346	182	367	226
1982 number, 1987	142	1 048 1 163	414 504	288 355	167 191	364 374	218 249
1982 Pickup balers farms, 1987	228	1 064 1 068	423 637	293 483	167 215	375 447	249 222 330 434 372
1982 number, 1987 1982	259	1 169 1 307 1 322	687 740 731	554 553 577	259 259 278	440 566 505	372 479
1987 INVENTORY		1 022	701	3,,	270	303	473
Manufactured 1983 to 1987:							
Motortrucks, including pickups farms number	298	477 530	348 400	347 368	337 381	172 197	130 135
Wheel tractors farms number	291	215 301	171 275	171 232	147 199	47 63	43 64
Less than 40 horsepower (PTO)	76	70 70 163	79 79 126	32 39 150	76 85 83	11 11 37	13
Grain and bean combines farms	215	231	196 92	193 193 87	114	52 7	43 64 13 13 37 51 21
number	92	60	(D)	87	114	9	22
Cottonpickers and strippers farms number	-		-		-	-	_
Mower conditioners farms number	30	191 195	60 60	26 26	27 27	43 43	53 54 37 37
Pickup balers farmsnumber		197 221	39 40	34 35	22 22	56 56	37 37
Variufactured prior to 1983: Motortrucks, including pickupsfarms riumbei		1 220 1 717	1 061 1 546	990 1 408	757 1 29 7	686 872	566 806
Wheel tractors farms	781	1 604 5 238	1 269 4 124	1 135 3 431	920 2 572	790 1 895	676 1 604
Less than 40 horsepower (PTO)	292	862 1 450	550 925	516 798	403 655	374 521	334 541
40 horsepower (PTO) or more ferms	738 1 796	1 444 3 788	1 129 3 199	1 018 2 633	783 1 917	646 1 374	527 1 063
Grain and bean combines ferms	491	700 772	578 (D)	610 633	460 524	341 377	258 278
Cottonpickers and strippersferms		-	-	_	-	-	-
Mower conditioners farms	112	938	431	320	155	330	174
number	112 213	968 939	444 610	329 451	164 202	331 413	195 293
numbe		1 086	700	518	237	510	335

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of ferms. For meening of ebbrevietions end symbols, see introductory text]

[Data are based on a sample of ferms. For meening of ebbrevietic	ons end symbols,	see introductory	text]					
All Ferms	Delaware	Des Moines	Dickinson	Dubuque	Emmat	Fayette	Floyd	Franklin
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and								
equipmenttarms, 1987 1982	1 452 1 481	752 815	593 652	1 690 1 708	609 714	1 510 1 638	985 1 096	1 010 1 168
\$1,000, 1987 1982	93 611 107 755	39 131 47 544	36 852 44 985	88 178 94 329	38 260 57 637	90 036 106 370	53 143 80 380	76 147 86 885
Average per farmdollars, 1987 1982	64 471 72 758	52 035 58 336	62 145 68 996	52 176 55 228	62 824 80 724	59 626 64 939	53 952 73 339	75 393 74 388
Farms by value group: \$1 to \$9,9991987	142	157	93	255	73	248	216	130
\$10,000 to \$19,9991987	138 174	163 139	76 75	237 235	58 46	217 210	198 177	138 112
\$20,000 to \$29,9991987	154 87	132 77	76 62	204 198	72 44	201 134	119	139 56
\$30,000 to \$49,9991987	142 267	74 113	54 67	255 365	37 126	180 328	84 113	106 102
1982	198 285	82 84	96 108	248	109	221	138	201
\$50,000 to \$69,999	210	145	129	175 298	69	132 246	108 102	188 142
1982	197 230	49 59	41 60	184 166	107 148	150 213	81 120	138 115
\$100,000 to \$199,999	235 314	88 116	125 128	214 241	79 169	226 265	150 219	200 232
\$200,000 or more	65 95	45 44	22 33	64 59	31 52	82 95	30 116	232 84 95 82 2
\$200,000 to \$499,9991987 \$500,000 or mora1987	62 3	45	21	64	31	80 2	28 2	82 2
SELECTED MACHINERY AND EQUIPMENT		;						
Motortrucks, including pickupsfarms, 1987	1 297	706	558	1 504	539	1 336	917	918
1982 number, 1987	1 299 1 670	754 1 155	577 893	1 404 1 850	623 950	1 467	996 1 529	999 1 387
1982	1 621	1 283	847	1 642	1 069	2 025	1 757	1 392
Whael tractorsfarms, 1987	1 380 1 370	648 738	551 585	1 593 1 608	583 649	1 463 1 524	919 981	947 1 087 3 206
number, 1987 1982	4 519 4 208	1 944 2 112	1 708 1 927	4 924 4 909	2 091 2 065	5 149 4 844	3 007 3 074	3 432
Less than 40 horsepower (PTO)farms, 1987 number, 1987	599 919	293 432	283 430	756 1 154	374 561	885 1 526	524 1 047	524 914
40 horsepower (PTO) or morefarms, 1987 number, 1987	1 320 3 600	579 1 512	500 1 278	1 343 3 770	542 1 530	1 322 3 623	780 1 960	837 2 292
Grain and bean combines ¹ farms, 1987	782 671	444 413	369 338	568 425	462 475	762 774	526 579	634 664
number, 1987 1982	789 692	484 448	431 347	576 440	518 512	813 823	564 600	663 712
Cottonpickars and strippersfarms, 1987		-	-	-	-	-	-	-
number, 1987 1982	-	= 1	-	=	-	-	-	-
Mower conditionersfarms, 1987	828	173	82	1 075	87	788	208	163
1982 number, 1987	714 854	96 174	72 97	1 070 1 120	48 88	744 827	185 218	190 166
1982 Pickup belersfarms, 1987	733 968	104 229	75 176	1 117 1 144	52 154	765 879	197 301	203 321
1982 number, 1987	871 1 100	270 270	217 202	1 183 1 325	178 181	1 015 984	367 355	413 341
1982 1987 INVENTORY	962	278	257	1 329	179	1 112	400	414
Manufactured 1983 to 1987:				Ì				
Motortrucks, including pickups farms	382	223	170	567	137	378	189	267
Wheel tractorsnumber	410 242	265 75	180 36	591 264	146 68	409 134	194 140	302 147
Less than 40 horsepower (PTO) farms	318 39	107 21	49	389 47	93 11	212 39	195 28	205 36
number 40 horsepower (PTO) or more farms	40 214	21 69	(D) 35	61 248	11 60	39 115	30 114	43 115
number Grain and bean combinesfarms number	278 98 98	86 61 61	(D) 17 17	328 71 71	82 42 42	173 76 76	165 75 75	162 83 85
Cottonpickers and strippers farms	-	-	-	-	-	-	-	• -
number Mower conditioners farms	159	19	3	199	2	72	37	7
Pickup balers farms	173 99	19 7	11	199 102	(D)	75 61	37 29	7 24
Manufactured prior to 1983:	100	7	20	103	3	70	34	24
Motortrucks, including pickups farmsnumber	986 1 260	601 890	431 713	1 054 1 259	469 804	1 090 1 452	822 1 335	773 1 08 5
Wheel tractors farms number	1 370 4 201	631 1 837	550 1 659	1 549 4 535	572 1 998	1 435 4 937	888 2 812	921 3 001
Less than 40 horsepower (PTO) farms number	586 879	286 411	281 (D)	726 1 093	371 550	857 1 487	511 1 017	493 871
40 horsepower (PTO) or more farms number	1 296 3 322	568 1 426	500 (D)	1 301 3 442	533 1 448	1 294 3 450	751 1 795	821 2 130
Grain and bean combines farms number	685 691	386 423	354 414	500 505	421 476	689 737	453 489	551 578
Cottonpickers and strippers farms	-	_	_	_	-	-	_	-
number Mower conditioners farms	673	154	81	893	- 85	726	171	156
number Pickup balers farms	681 884	155 229	93 165	921 1 086	(D) 151	752 837	181 288	159 297
number	1 000	263	182	1 222	178	914	321	317

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data ere based on a sample of ferms. For meening of abbreviations and symbols, see introductory text]

[Data are based on a sample of farms. For meaning of abbreviation	s and symbols, se	e introductory te	ext]				<u> </u>	
All Ferms	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Hamison
VALUE OF MACHINERY AND EQUIPMENT								, - , - , - , - , - , - , - , - , - , -
Estimated market value of all machinery and								
equipmentfarms, 1987 1982	711 771	942 1 047	1 038 1 129	960 1 105	1 026 1 158	1 053 1 176	1 065 1 189	1 002 1 192
\$1,000, 1987 1982	43 556 55 782	54 438 76 471	61 916 71 607	45 574 47 656	74 452 81 452	73 708 87 219	67 139 83 049	48 497 65 384
Average per farm dollars, 1987 1982	61 260 72 351	57 790 73 038	59 649 63 425	47 473 43 128	72 565 70 338	69 998 74 166	63 041 69 848	48 400 54 8 53
Farms by value group: \$1 to \$9,9991987	96	172	121	223	159	103	146	185
\$10,000 to \$19,999 1987	101 114	178 83	190 (112 (250 107	192 93	107 82	158 126	275 127
\$20,000 to \$29,999 1987	100 76	91 78	111 173	219 110	109 105	113 102	206 142	155 173
1982 \$30,000 to \$49,9991987	64 86	84 225	140 144	107 167	155 134	126 178	104 125	112 189
1982 \$50,000 to \$69,999 1987	84 108	89 71	152 177	194 124	128 126	178 134	102 193	136 135
1982_ \$70,000 to \$99,9991987	70 91	162 134	143 123	110	95 136	172 166	143	142 55
\$100,000 to \$199,999 1987	175 102	148 142	124	81 127	150 194	168 247	163 190	142 104
\$200,000 or more1987	129	216	222	125 25	247 79	235	226 46	181 34
1982	48 34	79 36	47 35	19 25	82 77	77	87 46	49 32
\$200,000 to \$499,999 1987 1987 1987 1987 1987 1987 1987 1	4	1	2	-	2	-	[2]	2
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickupsfarms, 1987	656	899	938	830	928	980	921	930
1982 number, 1987	736 1 273	904 1 519	988 1 369	988	1 034 1 541	1 079 1 330	1 091 1 548	1 070 1 543
1982 Wheel tractors1arms, 1987	1 383 872	1 539 819	1 403 999	1 395	1 527 935	1 513 979	1 581 979	1 704 888
1982 number, 1987	683 2 253	953 2 710	990 3 023	1 000 2 574	1 000 3 172	1 061 3 414	1 044 3 444	1 044 2 481
1982 Less than 40 horsepower (PTO)farms, 1987	2 105 319	3 083 442	2 969 463	2 760 433	3 112 544	3 812 432	3 153 479	3 021 331
number, 1987 40 horsepower (PTO) or morefarms, 1987	549 589	694 769	622 886	754 724	903 849	815 912	855 887	592 831
number, 1987 Grain and bean combines1farms, 1987	1 704 395	2 016 599	2 401 554	1 820 511	2 269 l 656	2 599 722	2 589 654	1 889 526
number, 1987	454 442	611 631	548 626	529 582	687 701	755 764	654 704	632 590
1982	482	640	578	575	712	784	682	657
Cottonpickers and strippersfarms, 1987 1982 number, 1987	-	-	-	-	-	-	=	
1982	= =	=	-	-	-	-	-	_
Mower conditionersfarms, 1987 1982	159 73	167 171	240 134	227 202	150 100	229 246	167 121	164 208
number, 1987 1982	160 74	177 171	259 136	228 209	152 100	229 266	181 124	182 219
Pickup balersfarms, 1987	213 219	249 230	303 282	363 390	220 154	418 483	304 408	162 278
number, 1987 1982	215 232	261 232	345 296	434 437	223 158	478 505	318 426	176 285
1987 INVENTORY								
Manufactured 1983 to 1987: Motortrucks, including pickups	206	203	281	201	302	255	241	300
Wheel tractors farms	224 117	222 82	297 171	210 71	329 182	271 173	253 75	326 99
number Less than 40 horsepower (PTO)terms	136	109	218 28	83	235	252 31	117	115
number 40 horsepower (PTO) or moretarms	14 107	31 65	28 161	9 63	44 149	39 163	15 72	5 5 95
number Grain and bean combines farms	122 82	78 65	190 87	74 15	191 93	213 63	102 73	110 44
number	84	65	92	16	96	64	76	46
Cottonpickers and strippers farms number farms	-	35	- - 54	18	15	22	29	24
number	30 30	35	56	18	15	22	29	24 19
Pickup balers ferms number	23 23	24 24	11	42 42	16 16	40	14	19
Manufactured prior to 1983: Motortrucks, including pickupsfarms	600 1 049	782 1 297	776 1 072	755 1 233	765 1 212	818 1 059	791 1 295	783 1 217
number Wheel tractorsnumber	670 2 117	800 2 601	970 2 805	856 2 491	897 2 937	963 3 162	964 3 327	877 2 366
Less than 40 horsepower (PTO) farms	310 535	413 663	435 594	424 745	511 859	424 776	470 840	327 5 8 7
40 horsepower (PTO) or more farms	580 1 582	751 1 938	856 2 211	687 1 746	806 2 078	869 2 386	865 2 487	819 1 779
Grain and bean combines farms	315 358	538 566	471 534	496 566	568 605	669 700	581 628	488 544
number	358	300	534	300	605	700	020	_
Cottonpickers and strippers	129	132	186	209	135	207	138	140
Mower conditioners	130	142	203 292	210 330	137 207	207 207 402	152 294	158 144
number_	191 192	233 237	334	392	207	438	304	157

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on e sample of ferms. For meaning of ebbraviations and symbols, see introductory text]

[Data are based on e sample of ferms. For maaning of ebbravietio	ns and symbols, s	ee introductory	text]			···		
All Farms	Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jefferson
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinary and								
equipmentfarms, 1987 1982	894 963	938 1 055	754 848	786 874	1 050 1 150	1 354 1 422	1 465 1 589	774 894
\$1,000, 1987 1982	47 435 54 744	45 381 54 257	53 479 70 853	38 821 45 285	54 023 60 070	52 468 67 713	69 614 83 763	32 327 50 395
Averege par farmdollars, 1987	53 059 56 847	48 381 51 429	70 927 83 671	49 390 51 814	51 450 52 235	38 750 47 618	47 518 52 715	41 766 58 371
Farms by value group: \$1 to \$9,999 1987	221	151	47	104	188	327	273	181
1982_ \$10,000 to \$19,9991987	219	153 131	96 74	116 101	185 163	266 248	315 275	152 160
\$20,000 to \$29,999	176 88	160 136	109 51	91	181	193	232	152
1982 [78 89	117	56	116	145 158	124 297	219 178	112 136
\$30,000 to \$49,9991987 1982	146	167 236	124 121	223 153	115 149	263 185	170 223	108 78
\$50,000 to \$69,9991987 1982	110 125	167 132	104 78	70 178	157 174	152 166	174 206	61 108
\$70,000 to \$99,9991987	78 51	64 108	183 100	73 93	123 112	140 111	152 178	48 109
\$100,000 to \$199,999	159 108	100	152 185	87 113	135 146	78 174	143 204	86 108
\$200,000 or mora1987 1982	23 60	22 38	19 103	27 11	24 45	22	59 53	18 51
\$200,000 to \$499,999	22	20	18	27	22	22	58	18
SELECTED MACHINERY AND	,		'	-	-	-	'	-
EQUIPMENT								
Motortrucks, including pickupsferms, 1987	767 851	806 825	680 772	722 803	945 1 021	1 200 1 278	1 334 1 335	658 811
number, 1987 1982	1 133	1 233 1 171	1 039 1 244	1 056 1 114	1 502 1 631	1 608 1 638	2 030	1 103 1 189
Wheel tractorsfarms, 1987	822	889	684	770	968	1 273	1 362	698
1982 number, 1987	849 2 469	996 2 882	806 2 529	787 2 244	1 011 3 058	1 301 4 003	1 365 3 952	829 2 165
Lass than 40 horsapower (PTO)farms, 1987	2 314 467	3 050 452	2 663 402	2 190 294	3 211 455	4 030 694	3 942 685	2 331 357
number, 1987 40 horsepower (PTO) or morefarms, 1987	756 721	724 794	625 634	405 734	727 878	1 145 1 005	1 171 1 094	687 621
number, 1987 Grain and bean combinas ¹ farms, 1987	1 713 516	2 158 568	1 904 566	1 839 448	2 332 451	2 858 461	2 781 731	1 478 363
1982	494 563	516 660	615 692	422 459	450 487	428 502	812	440
number, 1987 1982	526	541	654	432	463	429	805 854	409 472
Cottonpickers end strippersfarms, 1987	=		-	-		-	=	-
number, 1987 1982	=	-		-	Ξ	-	=	-
Mowar conditionars farms, 1987 1982	181 154	289 323	101 120	131 127	364 342	729 749	436 364	225 189
numbar, 1987 1982	196 161	324 342	116 120	136 191	388 357	750 767	460 369	230 225
Pickup balersfarms, 1987	285 268	472 478	193 262	211 304	533 519	843 889	531 616	225 189 230 225 312 385
number, 1987 1982	323 295	509 564	223 264	256 324	682 610	1 065 1 068	677 866	351 463
1987 INVENTORY								
Manufactured 1983 to 1987: Motortrucks, including pickups farms	233	193	187	222	265	367	355	184
wheel tractors farms	263 105	207	200	229	286 175	370 88	367 136	221
Less than 40 horsepower (PTO) farms	188	112	203	176 16	219	116	183	82
40 horsapowar (PTO) or more farms	30	(D) 52	22 36	23 80	13	13 13	41 46	29
number_ Grain and bean combines farms	99 158 61	(D) 55	114 167 108	153 58	167 206 55	87 103 51	98 137 77	221 63 82 24 29 41 53 28 29
numbar Cottonpickars and strippers	61	55	109	58	56	51	77	29
Mower conditioners farms	28	24	12	9	50	119	75	41
number Pickup balers farms	40 28	24	12	9 8	50	118	75 66	41 51
Manufactured prior to 1983:	28	31	4	8	25 25	82	66	51
Motortrucks, including pickups farms number	626 870	695 1 026	568 839	573 827	802 1 216	980 1 238	1 162 1 663 1 328	543 882 697
Wheel tractors	806 2 281 454	878 2 770 450	651 2 326 383	733 2 068 279	928 2 640 453	1 244 3 887 681	3 769	2 083 347
number	726	(D)	589	278 382	714	1 132	1 125	658
40 horsepower (PTO) or more 1arms number Grain and bean combines farms	692 1 555 467	782 (D) 525	585 1 737 460	702 1 686 390	817 2 126 397	985 2 755 410	1 072 2 644 655	611 1 425 337
numbar Cottonpickers and strippersfarms	502	605	583	401	441	451	728	380
Number	153	276	89	124	314	612	362	188
Pickup balersfarms	156 156	300 451	104 189	127 208	338 526	831 796	385 480	189 262
number	295	478	219	248	657	983	611	300

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of ferms. For meaning of abbreviations and symbols, see introductory text]

All Farms		lahasaa	lenes	Kaabuk	Kossuth	Lec	1:	Lauise	1
VALUE OF MACHINERY AND		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Estimeted merket value of all machinery ar equipment	farms, 1987	1 346 1 508	1 161 1 307	1 028	1 717 1 885	981 1 060	1 681 1 803	622	69 ⁻ 769
	1982_ \$1,000, 1987_ 1982_	1 508 68 203 71 909	62 586 73 980	1 193 54 470 77 826	121 897 152 500	38 831 51 150	76 811 90 602	690 40 995 48 325	18 453 23 623 26 704
Average per farm		50 671 47 685	53 907 56 603	52 987 65 236	70 994 80 902	39 583 48 255	45 693 50 251	65 908 70 036	26 70 30 71
Ferms by value group: \$1 to \$9,999		258	209	175	230	296	359	110	19
\$10,000 to \$19,999	1982	371 242	223 132	195 160	190 130	208 149	460 335	97 47	22
\$20,000 to \$29,999	1982	208 157	148 165	165 79	115 154	190 118	310 184	60 84	22 13 8
\$30,000 to \$49,999	1982	273 204	200 178	137 171	188 270	115 144	207 230	55 69	12
\$50,000 to \$69,999		189 112	207 166	119 182	255 246	210 101	274 218	128 75	10
\$70,000 to \$99,999	1982 1987	129 153	132 97	158 86	286 226	90 56	179 138	85 80	7
\$100,000 to \$199,999		102 182	128 162	102 148	260 322	112 96	111 165	97 119	7
\$200,000 or more	1982	174 38	217 52	242 27	445 139	93 21	167 52	127 38	3 7 3 2
\$200,000 to \$499,999	1982	62 37	52 51	75 26	146 138	42 21	95 49	41 33 5	1
\$500,000 or more	198/	1	1	1	1	-	3	5	
ELECTED MACHINERY AND EQUIPMENT									
lotortrucks, including pickups	farms, 1987 1982	1 102 1 273	1 048 1 157	927 1 023	1 511 1 675	866 980	1 475 1 599	566 615	62 68
	number, 1987 1982	1 675 1 785	1 608 1 536	1 396 1 488	2 247 2 466	1 442 1 669	2 266 2 349	993 906	90 91
heel tractors	farms, 1987 1982	1 284 1 294	1 051 1 206	928 1 0 53	1 607 1 700	939 975	1 585 1 658	567 591	63 64
	number, 1987 1982	3 885 3 601	3 658 4 010	2 836 3 002	5 505 5 676	2 703 2 821	4 814 4 602	1 820 1 713	1 51 1 63
Less than 40 horsepower (PTO)	number, 1987	737 1 089	548 910	414 662	779 1 292	477 7 6 6	905 1 533	284 488	33 52
40 horsepower (PTO) or more	number, 1987	1 126 2 796	948 2 748	822 2 174	1 530 4 213	799 1 937	1 297 3 281	480 1 332	51 98
rein end bean combines ¹	farms, 1987 1982	576 544	543 517	560 595	1 146 1 322	448 494	700 644	387 421	20 20
	number, 1987 1982	638 553	554 528	579 637	1 245 1 410	486 516	721 689	425 435	21 22
ottonpickers and strippers	ferms, 1987 1982	-	-	-	-	-	-	-	
	number, 1987 1982	-	-	-	-	-	-	-	
ower conditioners	farms, 1987 1982	432 364	443 442	289 276	253 325	336 315	562 383	175 142	28 21
	number, 1987 1982	451 383	465 456	307 285	309 356	345 316	597 388	182 142	29 22 30
ickup belers	1982	600 651	600 643	351 466	481 539	435 471	732 678	171 256	25
	number, 1987 1982	716 730	710 691	398 585	492 569	537 486	823 720	182 268	38. 29
987 INVENTORY									
Menufectured 1983 to 1987: Motortrucks, including pickups	farms	266	353	252	416	214	408	237	14
Wheel tractors	number	291 176	393 127	292 169	440 283	244 110	424 145	257 83	14 5 6 2 2 3 3 1
Less then 40 horsepower (PTO)	number	287 61	202 30	226 42	370 37	127 34	179 43	100 19	6 2
40 horsepower (PTO) or more	number	71 146	31 102	66 133	42 254	34 78	43 113	19 67	2
Grain and bean combines	number farms number	216 50 51	171 59 59	160 112 113	328 149 151	93 47 47	136 100 100	81 59 61	3 1 (C
Cottonpickers and strippers		-	-	-	-		_	-	
Mower conditioners		75	70	52	32	38	58	40	3
Pickup balers		75 63	74 60	52 12	32 29 29	38 41	58 60	40 26	3
Anufactured prior to 1983: Motortrucks, including pickups	number ferms	970	822	13 787	1 250 1 807	767 1 198	1 267 1 842	28 465 736	53 76
Wheel tractors		1 384 1 256	1 215 1 026	1 104 907	1 587	1 198 923 2 576	1 842 1 535 4 635	537 1 720	62: 1 44:
Less then 40 horsepower (PTO)	number ferms number	3 598 693 1 018	3 456 520 879	2 610 390 596	5 135 754 1 250	453 732	868 1 490	266 469	30 49
40 horsepower (PTO) or more		1 090 2 580	927 2 577	812 2 014	1 510 3 885	797 1 844	1 244 3 145	464 1 251	50 95
Grain and been combines	farms number	536 587	485 495	449 466	998 1 094	402 439	601 621	333 364	19i (D
Cottonpickers and strippers		55,	- 1	- 1	- 1		-	- 1	Ψ,
Mower conditioners	number	358	- 377	237	221 277	298	505	135	253
Pickup balers	number	376 583	391 554	255 343	452	307 424	539 704	142 150	261 308
F	number	653	650	385	463	496	763	154	37

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are besed on e sample of farms. For meaning of abbreviations and symbols, see introductory text]

[Data are besed on e sample of farms. For meaning of abt	sieviations and symbols,	see introductory	16XL)					
All Farms	Lyon	Madison	Meheske	Merion	Mershall	Mills	Mitchell	Monona
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery end	1 225	1 052	1 100	1 116	1 070	640	200	252
equipment	32 1 391	1 140 1 140 38 946	1 193 1 265 57 260	1 116 1 224 40 245	1 072 1 201 54 737	640 679	930 1 005	853 933
	32 75 189	48 661 37 021	78 792 47 997	51 955 36 062	69 001 51 061	36 469 42 987 56 982	51 787 65 523 55 685	54 130 56 169 63 458
190 Farms by value group:	54 054	42 685	62 286	42 447	57 453	63 310	65 197	60 203
\$1 to \$9,999	32 202	348 263	204 180	322 306	247 275	73 128	137 161	143 144
	32 193	226 164	234 151	240 199	145 146	124 69	76 133	126 166
	32 153	121 180	170 119	146 186	150 96	65 60	138 72	81 121
	32 235	79 185	149 269	126 139	102 152	109 47	182 141	140 116
\$50,000 to \$69,999 196	20 1 156 1	75 1 <u>39</u>	138 155	133 143	114 174	61 78	112 125	97 79
\$70,000 to \$99,999		77 64	142 141	56 100	135 120	47 150	113 140	79 83 96
\$100,000 to \$199,999		121 108	118 181	70 125	153 197	138 116	145 183	128 170
\$200,000 to \$499,999 190		5 37 4	38 69 37	23 26 23	26 41 25	23 31 23	27 50 26	55 41 54
\$500,000 or more190	37 1 1	1	3/	-	1	-	1	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickupsfarms, 198		865	1 062	992	956	584	797	779
number, 198		972 1 300	1 136 1 511	1 083 1 380	1 058 1 700	611 978	840 1 319	830 1 528
198 Wheel tractorsfarms, 198		1 404 915	1 626 1 126	1 508 998	1 823	983 581	1 333 870	1 258 759
number, 198		980 2 230	1 132 3 289	1 085 2 588	1 027 3 140	620 1 836	940 3 080	821 2 558
Less than 40 horsepower (PTO)farms, 198	32 3 596 3 596 3 596 458	2 471 440	3 103 558	2 870 507	2 998 533	1 790 244	3 153 530	2 495 366
number, 196 40 horsepower (PTO) or morefarms, 196	37 1 091	607 736	837 978	677 838	792 893	367 558	930 789	692 669
number, 196 Grein and bean combines 1farms, 196	746	1 623 468	2 452 678	1 911 501	2 348 541	1 469 353	2 150 513	1 866 513
198 number, 198	37 783	435 493	657 742	505 522	564 573	357 405	523 535	462 562
198 ottonpickers and strippersfarms, 198	37 -	439	702	513 -	606	370 -	524	505
196 number, 199	37 -	-	-	-	-	-	-	-
198 Nower conditionersfarms, 198	37 322	356	335	297	264	98	218	179
number, 198		286 369	335 352	392 299	261 304	91 99	174 225	138 206
ckup balersfarms, 198		304 418	336 487	404 477	263 403	129 146	175 334	175 126
number, 198	32 603 37 549 32 609	469 487 552	412 536 427	528 555 590	448 473 520	203 156 226	475 345 497	147 135 169
1987 INVENTORY	303	332	721	350	320	220	497	109
Manufactured 1983 to 1987:								
Motortrucks, including pickups farm numb		181 192	294 326	187 196	226 249	158 174	197 205	284 303
Wheel tractors fern numb	er 228	77 87	138 176	79 101	144 158	96 136	74 92	102 142
Less than 40 horsepower (PTO) fern numb	er 52	30 37	20 20	3 6	24 24	17 18	25 26	11 18
40 horsepower (PTO) or more farm numb	er 176	47 50	120 156	78 95	122 134	87 118	56 66	93 124
Grain and bean combines farm numb		42 42	68 68	62 62	78 78	60 60	38 39	43 44
Cottonpickers and strippers farm		-	-	-	-	-	-	-
Mower conditioners farm	ns 31	74 74	37 37	29 29	37 37	35 35	41	29 30
Pickup balers fern	ns 67	73 74	20 20	42 44	34 34	9 9	37 44	17 17
Menufactured prior to 1983: Motortrucks, including pickups fern		778	879	893	872	497	698	655
Numb Wheel tractors fern	er 1 192	1 108 915	1 165 1 103	1 184 997	1 451 966	804 565	1 114 856	1 225 751
numb Less than 40 horsepower (PTO) farn	er 3 554 ns 432	2 143 425	3 113 539	2 487 506	2 982 509	1 700 236	2 988 509	2 416 357
numb 40 horsepower (PTO) or more farm	ns 1 077	570 736	817 956	671 837	768 858	349 542	904 781	674 661
Grain and bean combines farn numb	ns 689	1 573 426 451	2 296 612 674	1 816 439 460	2 214 464 495	1 351 302 345	2 084 476 496	1 742 472 518
Cottonpickers and strippers farm		451	0/4	400			490	-
Mower conditioners farm	er ns 291	282	298	268	241	64	184	- 158
numb Pickup balers farn	er 310 ns 457	295 365	315 470	270 450	267 383	64 138	184 297	176 111
numb		413	518	511	439	147	301	118

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For maining of abbreviations and symbols, see introductory text]

All Farms		Monroe	Montgomery	Muscatine	O'Brian	Osceola	Page	Palo Alto	Plymouth
VALUE OF MACHINERY AND EQUIPMENT									,
Estimated market valua of all machinary an equipment		736	701	900	1 233	731	1 008	928	1 734
equipment	1982 \$1,000, 1987	761 20 373	769 36 483	1 005 44 195	1 332 71 770	833 44 012	1 057	1 015	1 874 89 361
Average per ferm	1982	25 843 27 681	42 080 52 044	55 240 49 105	81 536 58 208	57 953 60 207	42 631 54 474 42 293	58 826 75 532 63 390	109 995
Farms by value group:	1982	33 959	54 721	54 965	61 213	69 571	51 536	74 416	51 535 58 696
\$1 to \$9,999	1987	218 217	129 177	296 184	164 152	94 92	202 230	57 93	317 293
\$10,000 to \$19,999		160 149	131	112	170 158	80 99	166 116	138 126	173 233
\$20,000 to \$29,999		145 88	64 105	74 103	101 184	79 94	143 166	90	246 172
\$30,000 to \$49,999		65 149	126 83	100 145	249 220	117 123	216 132	163	345 323
\$50,000 to \$69,999		80 60	93 76	85 103	199 183	124 119	94 166	157 122	265 228
\$70,000 to \$99,999		38 38	45 74	87 110	127 157	109 66	86 92	126 153	150 261
\$100,000 to \$199,999		26 52	73 124	105 149	164 222	96 163	82 112	151 222	176 286
\$200,000 or more		4 8	40 36	41 40	59 56	32 77	18	46 64	62
\$200,000 to \$499,999 \$500,000 or more	1987	4	40	41	56	32	19	45	62 77 52 10
SELECTED MACHINERY AND					Ĭ				
EQUIPMENT									
Motortrucks, including pickups	farms, 1987 1982	626 632	609 676	827 935	1 099 1 148	658 750	931 909	879 893	1 553 1 66 9
	number, 1987 1982	872 863	899 1 038	1 405 1 512	1 539 1 437	982 999	1 383 1 357	1 220 1 230	2 166 2 266
Wheel tractors		655 632	638 676	761 918	1 167 1 227	694 694	970 950	868 926	1 652 1 707
	numbar, 1987 1982	1 609 1 370	2 058 1 891	2 376 2 850	3 846 3 694	2 403 2 160	2 746 2 513	2 953 2 950	5 060 5 362
Less than 40 horsepower (PTO)		219 402	312 507	398 705	574 959	331 555	385 589	440 850	750 1 323
40 horsapower (PTO) or more		583 1 207	540 1 551	633 1 671	1 087 2 887	646 1 848	875 2 157	798 2 103	1 434 3 737
Grain and bean combines ¹	ferms, 1987	280	325	406	765	474	540	664	867
	1982 number, 1987	211 309	366 357	493 421	659 908	503 509	527 596	626 712	904 925
Cottonpickers and strippers	1982 farms, 1987 1982	221	388	505 - -	701 -	515 -	540	645	982
	number, 1987 1982	-	-	-	-	-	-	-	-
Mower conditioners	farms, 1987	327	158	263	204	173	258	125	286
	1982 number, 1987	255 327	137 165	244 273	182 216	99 197	201 266	121 133	263 327
Pickup balers		261 450 276	139 295	246 382 395	182 355 320	99 246 230	232 311 356	122 228 194	299 552 661
	1982 number, 1987 1982	539 302	262 349 334	428 440	379 324	248 237	384 442	238	612 729
1987 INVENTORY									
Manufactured 1983 to 1987:			450			105	200	240	404
Motortrucks, including pickups	number	143 145	152 179	290 317	308 317	135 141	239 253	218 233	431 484
Wheel tractors	numbar	22 23	92 105	128 165 39	109 135	49 85 18	140 214	110 167 20	240 389 82
Less than 40 horsepower (PTO) 40 horsepower (PTO) or more	number	22	32 32 66	40 99	2 (D) 109	21 48	28 28 138	20 20 97	104 188
Grain and bean combines	number	23 22 22 22	73 47	125 61	(D) 63	64 45	186	147 79	285 129
	number	22	47	61	63	46	83	79	130
Cottonpickers and strippars	number	-		-	-	=	-	-	-
Mower conditioners	number	25 25 61	12 12	56 56	13 14	3 3	27 34	13 13	38 47
Pickup balers	number	61	25 25	40 41	15 15	14 14	17 19	25 25	84 90
Manufactured prior to 1983: Motortrucks, including pickups	number	559 727	528 720	688 1 088	899 1 222	592 841	803 1 130	729 987	1 284 1 682
Wheel tractors	farms	650 1 586	622 1 953	737	1 163 3 711	684 2 318	932 2 532	857 2 786	1 593 4 671
Less than 40 horsepower (PTO)	number farms numbar	219 402	300 475	376 665	574 (D)	323 534	2 532 369 561	429 830	676 1 219
40 horsepowar (PTO) or more		577 1 184	538 1 478	616 1 546	1 077	627 1 784	813 1 971	787 1 956	1 401 3 452
Grain and bean combines		258 287	287 310	345 360	(D) 704 845	435 463	479 513	595 633	740 795
Cottonpickers and strippers	farms		-	-	-	-	-	-	-
Mower conditioners		302	152	213	192	170	231	112	248 280
	number	302	153 294	217 344	202 342	194 233	232 300	120 210	494

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

[Data are based on a sample of farms. For	Theating of abbreviation	ons and symbols, so	ee introductory	y text j					
All Farms		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
VALUE OF MACHINERY AND EQUIPMENT						0000			- Chicky
Estimated market value of all machinery an equipment		987	1 001	1.054	4 047	70.			
equipment	1982	1 105 75 823	1 104 48 485	1 651 1 828 92 995	1 047 1 152 55 669	701 776 28 419	1 034 1 146	973 1 097	1 177 1 317
Average per ferm	1982	81 406 76 821	51 789 48 436	112 390	63 432 53 170	37 467 40 541	61 003 75 955 58 997	54 417 75 119	61 761 68 084
Farms by value group:	1982	73 671	46 911	56 327 61 482	55 063	48 282	66 278	55 927 68 477	52 473 51 696
\$1 to \$9,999	1982	87 104	283 323	297 397	194 161	175 178	122 182	160 159	141 220
\$10,000 to \$19,999	1982	70 114	193 163	235 246	156 178	93 120	143 129	104 168	187 180
\$20,000 to \$29,999	1982	109 80	65 126	221 175	142 121	90 130	141 89	145 103	115 150
	1982	118 213	160 124	233 212	135 183	113 76	105 165	112 161	218 187
\$50,000 to \$69,999 \$70,000 to \$99,999	1002	130	94 111	134 183	122 179	94 76	217 157	184 111	164 197
\$100,000 to \$199,999		224 180 154	35 93 122	197 153 260	113 128	81 74	92 150	95 94	157 128
\$200,000 or more	1982	199 95	129 49	352 74	131 167 54	44 96 11	173 208 41	132 225 41	177 237
\$200,000 to \$499,999	1982	96 94	35 46	110	35 54	26	66 41	76 41	18 18 18
\$500,000 or more	1987	Ť	3	1	-		-	-	~
SELECTED MACHINERY AND EQUIPMENT									
Motortrucks, including pickups	farms, 1987 1982	893 991	887 973	1 528	941	611	923	846	1 029
	number, 1987 1982	1 383 1 378	1 442 1 567	1 633 2 609 2 540	1 059 1 641 1 678	724 964 1 084	970 1 481 1 458	1 023 1 373 1 626	1 168 1 535
Wheel tractors		950 960	959 941	1 531	985	647	997	906	1 567 1 076
	number, 1987 1982	3 269 3 024	2 820 2 314	1 664 4 981 4 856	1 084 3 036 3 064	731 1 553 2 089	983 3 462	1 030 2 939	1 141 3 640
Less than 40 horsepower (PTO)	farms, 1987	499 848	625 1 015	741 1 365	402 628	2 069 284 414	3 276 490 766	3 216 485 789	3 412 433 698
40 horsepower (PTO) or more	number, 1987	847 2 421	741 1 805	1 316 3 616	895 2 408	555 1 139	886 2 696	805 2 150	1 042 2 942
Grain and been combines ¹	farms, 1987 1982	695 741	412 506	829 895	568 570	434 390	685 565	542 568	705 679
	number, 1987 1982	739 819	484 533	888 950	628 613	486 420	772 630	555 589	738 694
Cottonpickers and strippers	1982		-	-	-	-	-	-	-
	number, 1987 1982	-]	-	-	-	-	-	-	-
Mower conditioners	1982	162 131	233 157	418 349	389 317	320 218	203 186	313 236	263 237
Dialum halasa	number, 1987 1982	185 132	241 167	479 383	405 320	341 230	211 194	325 240	264 258
Pickup balers	1982 number, 1987	221 214 224	238 239	600 584	499 404	429 333	378 356	481 483	382 495
	1982	214	263 244	707 669	598 460	512 399	422 382	536 523	421 539
1987 INVENTORY									
Manufactured 1983 to 1987:		200							
Motortrucks, including pickups Wheel tractors	number	228 237 200	226 250 112	522 583 175	244 256 117	202 208	281 298	287 303	398 424
Less than 40 horsepower (PTO)	number	293 28	177	253 62	152	65 96 10	92 133 10	139 246 31	130 189 31 35
40 horsepower (PTO) or more	number	28 192	71 77	75 134	114	11 56	17 84	46 122	35 114
Grain and bean combines	number	265 107	106 55	178 131	145 60	85 57	116 89	200	154 103
0.00	number	108	61	131	61	57	89	58	103
Cottonpickers and strippers	number	-	-				-	- -	-
Pickup balers	number	(D)	29 36	54 54	44 44	54 54	4 4	50 51	45 45 14
Manufactured prior to 1983:	number	-	(D)	91 91	18 18	21 21	45 45	42 55	14 14
Motortrucks, including pickups	number	741	790 1 192	1 273 2 026	816 1 385	512 756	787 1 183	694 1 070	766 1 111
Wheel tractors	number	924 2 976	926 2 643	1 518 4 728	973 2 884	630 1 457	988 3 329	873 2 693	1 065 3 451
Less than 40 horsepower (PTO)	number	479 820	587 944	704 1 290	399 621	276 403	480 749	466 743	402 663
40 horsepower (PTO) or more	number	806 2 156	716 1 699	1 303 3 438	884 2 263	539 1 054	875 2 580	771 1 950	1 031 2 788
Grain and bean combines	number	591 631	359 423	708 757	511 567	379 429	605 683	484 497	603 635
Cottonpickers and strippers	number	-	-	-	-	-	-	-	-
Mower conditioners	number	161 (D)	204 205	367 425	345 361	268 287	201 207	263 274	218 219
Pickup balers	farms	(D) 221 224	237 (D)	545 616	487 580	410 491	340 377	447 481	372 407
								, 1	

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Date era based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Ferms		Sioux	Story	Tame	Taylor	Union	Van Buran	Wapello	Warran
VALUE OF MACHINERY AND EQUIPMENT					.,.				
Estimated market value of all machinary a	nd (1007					27.4			
aquipmant	1982 \$1,000, 1987	2 007 2 100 101 081	1 139 1 248 57 553	1 393 1 508 78 233	761 887 27 207	894 772 21 636	775 883 27 555	899 959 27 971	1 304 1 384 41 085
Average per ferm	1982	115 766 50 364	82 600 50 530	93 052 56 161	36 258 35 752	25 245 31 176	35 115 35 555	40 547 31 114	53 554 31 507
Farms by value group:	1982	55 127	66 186	61 706	40 877	32 700	39 768	42 281	38 695
\$1 to \$9,999	1982	398 327	215 276	223 224	158 190	189 252	202 197	344 257	490 360
\$10,000 to \$19,999	1982	290 228	190 158	209 237	122 140	136 149	142 172	163 222	213 321
\$20,000 to \$29,999	1982	212 170	209 95	154 190	173 146	74 157	128 113	92 104	214 144
\$30,000 to \$49,999	1982	301 402	143 156	223 167	140 170	161 62	151 115	120 136	148 201
\$50,000 to \$69,999	1982	241 375	119 131	158 189	53 88 55	41 67	59 132	36 49	91 133
\$70,000 to \$99,999	1982 (236 232	110 108	182 170	73 54	36 8	23 76	73 60	35 79
\$100,000 to \$199,999	1982	291 305 38	98 250 55	179 250 65	65 65	52 56 5	42 68 28	58 79 13	91 118
\$200,000 or more \$200,000 to \$499,999	1982	61 38	74 54	81 65	15	21	10 28	52 13	22 28 21
\$500,000 or mora	1987	-	~ 1	-	-	-	-	-	-i
SELECTED MACHINERY AND EQUIPMENT									
Motortrucks, including pickups	farms, 1987 1982	1 767 1 779	1 039 1 116	1 309 1 286	658 828	635 660	705 776	793 844	1 166 1 183
	numbar, 1987 1982	2 438 2 283	1 760 1 850	2 002 1 940	971 1 157	1 006 913	1 062 1 100	1 097 1 011	1 868 1 711
Wheel tractors		1 870 1 842	1 046 1 114	1 292 1 402	697 808	598 681	717 773	789 901	1 119 1 160
	number, 1987 1982	5 649 5 314	3 230 3 512	4 190 4 336	1 771 1 911	1 685 1 716	1 974 1 952	1 909 2 097	2 771 2 599
Less then 40 horsepower (PTO)	numbar, 1987	730 1 086	584 913	702 1 069	242 416	275 539	393 657	423 594	580 864
40 horsepower (PTO) or more	number, 1987	1 707 4 563	912 2 317	1 096 3 121	595 1 355	532 1 146	586 1 317	638 1 315	897 1 907
Grain and bean combines ¹	farms, 1987 1982	986 803	608 601	842 766	460 451	257 208	367 418	288 352	536 449
	number, 1987 1982	1 039 829	685 658	901 838	477 461	267 209	412 445	301 375	557 483
Cottonpickers and strippers	farms, 1987 1982	-	-	-	-	-	-	-	:
	number, 1987 1982	-	-		-	-	-		-
Mowar conditioners	farms, 1987 1982	393 356	182 176	380 359	237 230	188 170	269 210	296 231	416 334
	numbar, 1987 1982	420 429	185 176	395 387	283 242	203 191	280 225	310 231	417 360
Pickup balers	farms, 1987 1982 number, 1987 1982	624 717 673 771	292 308 310 348	652 640 736 718	343 400 416 462	231 248 356 293	415 440 540 546	325 305 382 355	486 403 606 446
1987 INVENTORY	1302	,,,	345	, 10	402	233	545		110
Manufacturad 1983 to 1987: Motortrucks, including pickups	farme	381	262	359	159	191	116	225	308
Wheel tractors	number	413 306	307 104	413 130	171 68	229	133	257 112	331 60
Less than 40 horsepower (PTO)	number	348 23	156 29	242	71	37	78 31	149	116 16
40 horsepower (PTO) or mora	numbar	24 288	34 90	56 111	- 68	4 31	44 32	28 86	16 57
Grain and bean combines	number farms	324 93	122 72	186 74	71 37	33 8	34 12	121 33	100 44
Cattons inless and attingues	number	93	72	74	37	9	12	33	44
Cottonpickars and strippers Mower conditionars	number	41	19	- 65	- - 29	32	40	45	89
Pickup balars	number	44	20	65 41	29	32 30	40	45 41	89 27
Manufactured prior to 1983:	number	41	3	41	25 25	30	6	41	27
Motortrucks, including pickups	number	1 469 2 025	908 1 453	1 130 1 589	540 800	568 777	620 929	648 840	1 033 1 537
Wheel tractors	number	1 825 5 301	1 029 3 074	1 260 3 948	696 1 700	597 1 648	703 1 896 370	776 1 760	1 103 2 655 566
Less than 40 horsepower (PTO)	numbar	709 1 062	566 879 894	656 1 013	242 416 594	272 535 531	613 578	417 566 630	848 882
40 horsepower (PTO) or mora	number	1 662 4 239 896	2 195 541	1 062 2 935 778	1 284 423	1 113 249	1 283 356	1 194	1 807 492
Grein and bean combines	numbar	946	613	827	440	258	400	256 268	513
Cottonpickers and strippers	farms number	-	-	-	-	-	-	-	-
Mower conditioners	farms number	353 376	163 165	315 330	208 254	157 171	229 240	251 265	327 328
Pickup balers	number_	600 632	290 307	630 695	318 391	219 326	410 534	304 341	483 579

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Date are besed on a sample of ferms. For meening of ebbreviations and symbols, see introductory text]

Date are besed on a sample of terms. For meening of ebb	evietions and symbols	s, see introductor	y text]					
All Ferms	Weshington	Weyne	Webster	Winnebego	Winneshiek	Woodbury	Worth	Wright
VALUE OF MACHINERY AND EQUIPMENT								
Estimated merket value of ell mechinery end equipment	7 1 157	734	1 235	742	1 633	1 353	667	882
198 \$1,000, 198 198	7 68 353	824 25 456 31 898	1 357 87 942 105 774	847 47 026 54 560	1 725 92 485 98 798	1 579 68 190 76 541	798 44 355 56 504	1 009 73 267 85 092
Averege per farmdollers, 198	7 59 078	34 681 38 711	71 208 77 947	63 377 64 415	56 635 57 274	50 399 48 474	66 499 70 807	85 982 83 069 85 215
Farms by velue group: \$1 to \$9,999 198	7 218	192	211	87	219	258	91	89
\$10,000 to \$19,999198	7 166	147 156	202 136	84 68	318 301	427 214	104 76	79 45
198 \$20,000 to \$29,999	7 144	141	176 137	57 133	178 227	212 135	77 98	86 90
198 \$30,000 to \$49,999198	7 135	137 35 130	125 174 143	131 124 119	193 205	216 256	112 76	96 82
\$50,000 to \$69,999 198	7 88	122	116	102	322 157	160 119	118 56	151 171
\$70,000 to \$99,999	7 131	160 62	138 100	184 83 58	170 115	159 153	96 87	71 111
\$100,000 to \$199,999198	7 211	61 45 37	163 253 276	104 173	168 371 321	160 173 202	70 146 160	177 218
\$200,000 or more198	7 64	6	108 134	41 41	38 55	45 43	37 61	257 76 92 70
\$200,000 to \$499,999 198 \$500,000 or more 198	7 64	6 -	107	40	38	44	37	70 6
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickupsferms, 198	1 039	659	1 122	679	1 405	1 252	654	796
198. number, 198	7 1 712	757 1 000	1 226 1 940	735 1 199	1 500 1 867	1 338 2 021	712 1 086	915 1 214
198. Wheel tractorsferms, 198	7 1 058	1 124 668	1 944 1 140	1 150 719	1 971 1 515	2 066 1 260	1 163 620	1 310 829
198. number, 198	3 362	714 1 622	1 220 3 617	761 2 373	1 577 4 834	1 371 3 935	727 2 145	915 2 975
Less than 40 horsepower (PTO)ferms, 198	7 546	1 722 312	3 747 582	2 273 449	4 685 746	3 915 644	2 308 309	2 935 531
number, 198 40 horsepower (PTO) or moreferms, 198	920	438 558	919 1 020	745 639	1 239 1 389	1 064 1 083	507 553	864 763
number, 198' Grain end bean combines ¹ ferms, 198'	· 648	1 184	2 698 786	1 628 433	3 595 642	2 871 683	1 638 403	2 111 673
198: number, 198	/ 683	341 329	713 871	432 468	624 739	582 791	431 413	653 726
198: Cottonpickers and strippersferms, 198: 198:	'	343	752	444	636	646	449	667 -
number, 198. 198:	'	-	=	-	-		-	=
Mower conditionersfarms, 198	· 216	275	200	118	1 013	310	174	133 158
198: number, 198: 198:	' 219	323 279 332	270 240 271	125 136 133	1 012 1 040 1 079	203 329 239	84 193 98	158 150 166 195
Pickup belersfarms, 198.	' 339	353 353 417	229 216	199 223	1 038 1 099	373 420	312 266	195 249
number, 198 198:	' 410	408 466	282 225	210 231	1 285 1 285	411 443	333 278	197 280
1987 INVENTORY								
Manufactured 1983 to 1987: Motortrucks, including pickups	364	112	296	191	474	395	174	292
Wheel tractors farm:	r 428	130 25	316 149	195 114	507 273	415 129	183 67	311 151
Less than 40 horsepower (PTO) ferm:	r 286	28 6	185 38	170 32	368 36	181 47	85 15	230 26
numbe 40 horsepower (PTO) or more farm:	173	6 19	39 125	47 90	36 245	51 94	15 56	26 143
numbe Grein and bean combinesnumbe numbe	107	22 18 19	146 105 110	123 33 33	332 78 78	130 91 94	70 54 54	204 101 109
Cottonpickers and strippersfarm:	1	-		-	-	-	-	-
numbe Mower conditioners farm:	38	40	16	- 1	225	51	26	15
numbe Pickup balers farm:	5 14	40 11	24	(D) 20	226 196	51 19	26 1	15 8
Manufactured prior to 1983: Motortrucks, including pickups		12 609	(D)	20	211	19	(D)	8
Wheel tractorsfarm:	1 284	870 667	986 1 624 1 091	571 1 004 702	1 030 1 360 1 492	1 065 1 606 1 197	595 903 600	618 903 807
Less than 40 horsepower (PTO)	r 3 076	1 594 312	3 432 558	2 203 419	4 466 736	3 754 600	2 060 297	2 745 512
numbe 40 horsepower (PTO) or more farm:	r 884	432 557	880 963	698 621	1 203 1 358	1 013 1 037	492 543	838 725 1 907
numbe Grain and bean combinestarm: numbe	7 2 192 3 541	1 162 299 310	2 552 700 761	1 505 403 435	3 263 564 661	2 741 599 697	1 568 349 359	1 907 578 617
Cottonpickers and strippersferm:		310	[701	433	001	- 09/	339	01/
numbe Mower conditioners ferm:	r	239	192	117	- 795	268	148	118
Pickup balers ferm:	181 335	239 347	216 228	(D) 189	814 902	278 355	167 311	135 187
numbe		396	(D)	190	1 074	392	(D)	189

¹Data for 1982 include self-propelled only.

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

[Data are based on a sample of farms. For meening of abbreviations and symbols, see introductory text]

[Data are based on a sample of terms. For meening of abbrevia	THOUS BITU SYMBOIS,	see infoductory te	xt]				
Chemicals used	lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Commercial fertilizer	83 051	809	479	856	497	681	1 165
	86 653	740	489	828	572	674	1 250
	13 313 702	141 265	77 509	89 385	57 485	120 361	187 810
	14 661 266	129 420	80 777	92 808	49 371	143 064	210 306
Cropland fertilized, except pastureland farms, 1987	81 879	787	479	845	480	661	1 157
1982	85 398	733	463	805	518	660	1 242
acres on which used, 1987	12 882 998	122 895	69 276	85 922	47 017	112 173	186 343
1982	14 181 267	111 154	67 779	89 891	40 598	131 076	206 255
Pastureland and rengeland fertilized farms, 1987	7 286	218	108	73	129	115	41
1982	8 855	227	156	85	117	93	92
acres on which used, 1987	430 704	18 370	8 233	3 463	10 468	8 188	1 467
1982	479 999	18 266	12 998	2 917	8 773	11 988	4 051
Lime	17 823	287	177	276	168	189	323
	11 172	151	96	251	100	96	147
	1 219 181	24 147	14 550	13 171	9 267	19 294	24 486
	588 678	10 158	5 409	9 784	3 137	4 931	10 260
	2 846 408	37 111	30 219	35 812	23 301	33 871	63 009
	1 389 986	19 165	11 855	23 745	6 182	9 056	27 080
control— Insects on hay and other crops farms, 1987 1982 acres on which used, 1987 1982	41 361 41 193 4 910 343 6 062 166	524 488 56 019 59 631	224 267 33 557 31 048	664 587 51 260 59 254	209 204 19 513 21 242	351 399 54 721 81 434	629 699 77 108 93 043
Nematodes in crops farms, 1987	2 548	17	21	16	16	44	25
1982	3 419	34	9	103	1	30	34
acres on which used, 1987	267 277	3 812	1 185	1 213	1 335	4 635	2 574
1982	415 428	5 480	1 390	7 410	(D)	2 564	2 691
Diseases in crops and orchardsfarms, 1987 1982 acres on which used, 1987 1982 Weeds, grass, or brush in crops and	1 330 1 331 112 420 177 125	13 9 1 588 1 290	360	14 7 630 385	16 1 44 (D)	22 10 2 407 1 598	18 30 1 060 1 694
pasture	70 486	671	457	610	408	474	1 009
	73 116	626	446	620	381	529	1 066
	14 709 093	132 544	76 358	45 488	41 630	99 970	219 934
	16 269 261	138 728	89 380	59 756	43 525	142 738	248 586
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987 1982 acres on which used, 1987 1982	1 066	8	1	7	1	8	19
	1 726	16	22	37	12	10	4
	120 779	1 040	(D)	140	(D)	3 538	2 205
	242 520	628	1 389	2 880	1 644	2 750	256
Chemicals used	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Commercial fertilizer	975	859	872	1 116	931	1 014	859
	1 017	851	1 035	1 163	981	1 114	884
	139 343	146 241	126 044	180 933	143 671	160 161	141 597
	173 064	151 012	133 464	201 181	183 502	174 724	144 908
Cropland fertilized, except pastureland farms, 1987	971	859	867	1 115	919	1 009	851
1982	1 017	851	1 022	1 142	981	1 101	868
acres on which used, 1987	136 822	145 978	125 774	179 463	142 826	159 030	140 926
1982	171 690	150 880	133 003	198 516	182 379	173 083	141 437
Pestureland and rangeland fertilized farms, 1987_	50	13	25	42	15	31	19
1982_	85	12	42	77	37	53	56
acres on which used, 1987_	2 521	263	270	1 470	845	1 131	671
1982_	1 374	132	461	2 665	1 123	1 641	3 471
Lime	198	71	229	288	165	301	63
	136	23	234	189	80	138	57
	12 305	6 346	11 704	19 408	10 590	15 223	3 212
	7 950	1 355	7 728	8 055	5 175	6 112	3 619
	31 345	13 864	32 951	57 209	15 273	36 159	5 804
	18 468	3 086	19 417	22 205	10 365	16 439	3 726
control— Insects on hay and other crops farms, 1987 1982 acres on which used, 1987 1982	535 420 55 654 59 634	167 251 21 545 31 035	500 447 48 323 54 413	681 530 85 665 81 442	274 398 37 895 61 057	505 472 56 353 64 665	224 178 30 033 24 941
Nematodes in crops farms, 1987	21	28	34	83	9	9	12
1982	53	20	30	29	15	82	33
acres on which used, 1987	2 140	4 339	2 322	5 466	1 718	1 371	2 606
1982	2 898	1 133	2 459	4 381	2 414	8 572	4 076
Diseases in crops and orchardsfarms, 1987_ 1982_ acres on which used, 1987_ 1982_ Weeds, grass, or brush in crops and	8 13 235 188	18 18 2 129 1 755	15 25 408 2 512	28 4 1 432 1 030	15 25 2 260 1 910	2 (D)	13 1 780
pasture	813	745	769	950	830	905	719
	935	815	752	988	961	983	880
	166 138	211 341	134 283	162 863	203 984	180 036	199 285
	199 979	209 121	130 308	187 697	258 196	185 947	230 048
Chamicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987 acres on which used, 1987 1982 1982	17 17 (D) 1 685	23 42 4 127 9 154	7 7	30 15 3 250 820	7 35 3 149 5 718	7 12 1 722 2 642	28 40 2 336 11 978

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982-Con.

[Data ere besed on a sample of farms. For meaning of abbrevia	,,		•				
Chemicels used	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Commerciel fertilizer ferms, 1987	1 098	732	952	734	923	857	51
1982	1 049	793	1 022	822	907	875	484
ecres on which used, 1987	177 086	142 243	163 978	138 169	132 346	139 328	59 74
1982	169 679	161 840	204 672	174 533	135 505	160 989	64 750
Cropland fertilized, except pesturelend farms, 1987	1 065	704	950	734	915	857	49
1982	1 042	776	1 021	822	899	854	48
acres on which used, 1987	172 636	128 368	162 610	137 409	130 265	138 068	52 23
1982	165 905	148 010	202 825	173 899	133 255	159 880	61 24
Pastureland and rangeland fertilized farms, 1987	112	172	52	8	31	40	13
1982	100	198	65	17	58	48	4
acres on which used, 1987	4 450	13 875	1 368	760	2 081	1 260	7 51
1982	3 774	13 830	1 847	634	2 250	1 109	3 50
Lime ferms, 1987	166	194	206	50	221	310	16
	76	97	211	36	70	151	9
	11 844	16 113	17 316	4 278	19 117	22 598	8 31
	5 904	5 933	18 281	2 456	3 885	6 138	4 58
	17 761	32 189	42 133	9 960	29 995	62 645	21 83
	8 212	11 070	43 655	6 464	6 597	17 336	10 14
Sprays, dusts, granules, fumigants, etc., to control— lnsects on hey and other crops farms, 1987 1982 acres on which used, 1987 1982 1982	490	490	705	352	459	530	21:
	438	424	753	408	369	484	17:
	52 621	61 680	85 317	46 132	53 177	55 892	18 74:
	60 583	74 748	133 475	75 220	49 758	82 443	27 35:
Nemetodes in crops farms, 1987 1982 ecres on which used, 1987 1982	19 35 1 921 1 890	15 13 2 447 1 840	63 65 6 960 16 232	30 36 1 994 3 588	10 50 590 3 640	56 29 4 520 2 132	3 3 48 35
Diseases in crops and orchards farms, 1987 1982 acres on which used, 1987 1982 Weeds, gress, or brush in crops end	27 21 2 312 1 973	5 2 10 (D)	12 16 (D) 3 049	25 3 1 684 1 585	29 14 6 371 3 781	37 7 2 948 35	10 883 (D
pesture terms, 1987	884	655	798	675	789	708	429
1982	886	678	843	739	863	740	344
ecres on which used, 1987	184 522	147 071	159 712	172 134	166 536	125 012	66 930
1982	183 654	156 403	200 169	228 849	183 250	164 993	53 129
Chemicals used for defoliation or for growth control of crops or thinning of fruit ferms, 1987 1982 ecres on which used, 1987 1982 1982	11	16	8	21	2	17	4;
	14	23	26	9	13	3	1
	1 184	4 201	491	2 664	(D)	1 631	71;
	3 106	4 644	977	2 077	1 644	1 230	1 856
Chemicals used	Cley	Clayton	Clinton	Crawford	Dallas	Davis	Decatu
Commercial fertilizer farms, 1987	709	1 304	1 224	1 042	775	663	48
1982	833	1 351	1 287	1 139	809	682	51:
acres on which used, 1987	131 096	162 177	200 002	176 011	132 743	83 918	77 252
1982	164 525	196 424	247 403	178 679	147 927	77 602	81 054
Croplend fertilized, except pesturelend farms, 1987	700	1 304	1 210	1 004	768	647	460
1982	827	1 317	1 276	1 115	789	658	49
acres on which used, 1987	129 482	159 866	192 278	168 762	131 344	74 932	59 60:
1982	161 257	192 435	244 202	168 304	145 844	69 361	65 580
Pesturelend and rangeland fertilized ferms, 1987	36	55	106	176	38	161	12:
1982	66	118	74	249	49	138	12:
ecres on which used, 1987	1 614	2 311	7 724	7 249	1 399	8 986	17 64:
1982	3 268	3 989	3 201	10 375	2 083	8 241	15 46:
Lime ferms, 1987 1982 acres on which used, 1987 1982 tons, 1987 1982 Spreys, dusts, grenules, fumigents, etc., to	125 81 8 444 3 196 13 138 6 684	414 417 18 111 15 805 53 731 41 010	304 262 18 589 13 269 54 240 39 145	171 57 12 780 4 104 21 651 8 965	72 69 6 212 3 652 11 067 7 752	246 156 20 445 4 930 52 769 14 495	169 129 11 934 6 277 35 699 17 050
control— Insects on hay and other crops farms, 1987 1982 acres on which used, 1987 1982	234 274 28 067 47 228	897 819 93 206 119 316	870 943 110 419 173 226	509 588 62 743 72 725	282 218 25 202 36 321	254 341 26 919 43 966	174 235 18 134 34 551
Nematodes in crops farms, 1987 1982 acres on which used, 1987 1982	33 25 3 147 6 735	67 92 7 326 11 054	35 91 2 310 13 892	37 15 2 685 1 574	27 1 4 309 (D)	9 73 1 169 7 292	1 06 2 47
Diseases in crops end orchards ferms, 1987 1982 acres on which used, 1987 1982 Weeds, grass, or brush in crops and	1 6 (D) 18	10 12 190 1 555	13 29 1 447 7 253	19 6 751 690	25 15 3 639 (D)	- 60 -	2· 26 3 94 3 590
pesture farms, 1987_	599	881	904	947	802	550	386
1982_	769	887	1 041	943	864	488	424
acres on which used, 1987_	174 991	100 811	171 855	170 797	191 817	60 313	66 63
1982_	249 175	119 541	201 199	174 861	214 724	83 041	60 43
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987 ecres on which used, 1987 1982 1982	9	14	2	20	13	8	6
	1	20	40	25	7	25	15
	912	462	(D)	4 373	548	(D)	72
	(D)	3 618	1 407	5 360	350	666	358

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982-Con.

[Data are based on a sample of farms. For meaning of a	TODI GVIST	ions and symbols.	see introductory	(text)					
Chemicals used		Delaware	Das Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
acres on which used, 1	1982	1 209 1 159 180 421 206 308	617 594 95 066 102 246	485 525 85 279 102 884	1 295 1 322 139 482 147 585	539 596 100 583 119 550	1 253 1 343 199 597 230 000	771 876 126 585 161 183	827 949 164 923 177 188
acres on which used, 1	1982	1 203 1 148 178 422 204 368	611 577 91 408 99 704	485 524 84 684 100 779	1 278 1 290 134 939 143 003	539 592 100 223 116 737	1 221 1 325 196 820 226 036	762 876 125 989 160 789	827 949 (D) 175 735
acres on which used, 1	1982	48 78 1 999 1 940	69 58 3 658 2 542	17 35 595 2 105	125 123 4 543 4 582	5 51 360 2 813	90 102 2 777 3 964	30 20 596 394	3 25 (D) 1 453
acres on which used, 1 1 tons, 1	1982 1987 1982	416 219 23 743 11 182 71 569 31 801	183 133 11 047 8 750 28 998 23 814	24 21 775 1 711 1 307 2 248	525 393 20 019 16 548 62 830 44 215	7 22 780 484 1 520 1 372	330 196 16 115 7 921 41 684 21 048	122 80 8 371 3 662 20 248 11 825	95 66 8 225 5 143 22 563 15 130
acras on which usad, 1	1982	842 731 109 821 116 350	357 390 38 729 59 196	185 125 16 506 23 462	897 898 71 310 85 383	142 157 19 752 18 268	697 679 87 243 103 239	296 216 31 262 43 795	329 345 45 041 51 599
acras on which used, 1	982	57 48 7 172 4 826	23 30 1 727 1 504	9 1 36 (D)	146 92 9 013 8 403	7 17 1 152 1 489	66 84 7 310 6 687	20 16 691 2 060	12 22 1 813 2 399
acres on which used, 1 Waeds, grass, or brush in crops and pasturafarms, 1 acres on which used, 1	1982 1987 1982 1987 1982	2 (D) (D) 905 809 129 452 141 446	14 10 899 462 506 456 82 584 106 430	16 - 16 - 437 5503 114 490 136 407	39 36 1 815 1 501 894 942 75 498 89 085	- 8 - 240 478 596 140 331 178 320	21 15 1 915 3 115 930 1 018 162 871 199 886	6 1 337 (D) 700 700 749 641 197 524	9 7 (D) 1 235 792 845 203 360 241 093
acres on which used, 1	1982	29 26 1 930 3 319	3 21 (D) 2 399	1 4 (D) 296	20 38 2 375 2 815	9 14 923 1 841	13 15 1 381 1 226	7 1 1 127 (D)	11 2 250
Chemicals used		Framont	Greena	Grundy	Guthrie	Hamilton	Hancock	Hardin	Hamison
acras on which used, 1	1982	612 600 116 851 106 382	786 815 156 120 160 377	879 906 159 353 160 671	712 744 107 726 122 404	884 943 166 401 190 343	902 955 170 668 173 502	869 915 165 200 189 383	841 979 177 067 194 826
acres on which used, 1	1982	602 575 113 738 100 910	786 796 154 911 158 142	879 894 156 852 159 132	679 710 101 294 112 885	884 943 165 974 190 135	890 949 170 242 172 163	869 905 163 498 187 461	831 974 169 663 182 281
acres on which used, 1	1982	79 143 3 113 5 472	14 53 1 209 2 235	69 38 2 501 1 539	80 159 6 432 9 519	28 16 427 208	20 54 426 1 339	58 53 1 702 1 922	149 242 7 404 12 545
acres on which usad, 1 1 tons, 1	1982 1987 1982	67 68 4 222 5 703 8 469 9 604	71 37 9 711 1 756 19 913 3 643	289 113 22 292 7 472 49 076 16 196	234 146 18 871 6 547 33 915 12 757	65 24 4 753 2 360 9 586 3 325	60 9 4 291 722 15 343 2 136	148 53 10 872 2 868 20 574 7 949	10 25 510 466 900 378
control— Insects on hay and other cropsfarms, 1 acres on which used, 1	1982	276 172 39 499 32 155	131 157 18 568 26 182	495 428 70 060 65 802	190 417 20 813 54 599	222 165 35 562 34 344	337 233 35 434 34 764	378 331 49 639 58 899	423 532 60 737 79 786
acras on which usad, 1	1982	12 6 1 220 696	3 9 281 1 313	16 29 7 171 2 010	9 2 061	11 22 244 3 485	9 2 531 (D)	19 14 1 960 1 049	26 11 3 726 270
acres on which used, 1	1982	13 10 971 920	11 2 506 (D)	15 22 1 810 7 655	19 10 3 868 4 078	20 2 2 535 (D)	2 6 (D) 12	14 14 1 128 536	13 12 578 587
pasturefarms, 1 ecres on which used, 1	1982	563 568 169 812 171 568	775 743 227 446 216 812	788 822 190 282 197 844	698 653 138 245 130 155	782 820 209 924 230 633	819 837 217 512 221 -160	728 851 202 215 224 751	682 748 190 293 190 756
acres on which used, 1	1982	2 17 (D) 4 064	1 8 (D) 2 773	11 7 1 114 (D)	3 16 (D) 5 466	1 19 (D) 4 821	9 8 1 478 1 824	3 15 (D) 2 134	9 - 652

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982-Con.

[Data are based on a sample of farms. For meaning of abbrevia	tions and symbols	, see introductory	/ text]					
Chemicals used	Hanry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jaffarson
Commercial fertilizerfarms, 1987	719	781	677	647	841	1 057	1 089	566
1982	732	830	698	704	882	1 086	1 103	634
acras on which used, 1987	100 145	127 106	127 216	122 373	140 903	117 100	163 343	89 040
1982	112 849	128 318	147 641	122 332	160 142	136 484	183 706	92 113
Cropland fertilized, axcept pasturalandfarms, 1987	705	781	677	646	830	1 046	1 079	566
1982	732	830	698	696	859	1 067	1 090	634
acres on which used, 1987	99 267	125 939	127 084	117 567	133 196	109 914	160 755	86 451
1982	111 215	124 392	(D)	118 567	150 755	128 545	178 450	88 806
Pastureland and rangeland fertilizedfarms, 1987	31	49	11	51	112	164	84	45
1982	36	77	1	78	165	139	114	62
acres on which used, 1987	878	1 167	132	4 806	7 707	7 186	2 588	2 589
1982	1 634	3 926	(D)	3 765	9 387	7 939	5 256	3 307
Limafarms, 1987_ 1982_ acres on which used, 1987_ 1982_ tons, 1987_ 1982_ 1982_	267 167 19 954 8 421 57 796 22 065	230 126 16 782 4 963 47 765 13 438	52 35 3 490 2 211 5 054 4 574	106 93 8 891 5 749 16 806 12 675	230 158 12 821 8 529 29 400 20 216	283 267 9 381 6 833 29 784 21 540	362 223 25 064 12 536 55 367 30 581	226 121 13 088 5 895 32 625 14 898
Sprays, dusts, granules, fumigants, etc., to control — Insects on hay and other cropsfarms, 1987 1982 acras on which used, 1987 1987 1982 1982	388	429	230	339	648	648	643	292
	452	294	188	385	518	754	694	245
	41 844	45 963	33 586	44 192	88 991	58 072	71 378	39 368
	67 592	30 764	25 536	55 209	106 151	90 576	87 202	34 864
Namatodas in cropsfarms, 1987	18	15	17	35	29	42	32	3
1982	11	20	7	32	62	61	34	24
acres on which used, 1987	1 327	977	990	3 888	3 317	4 494	1 666	473
1982	1 121	860	1 080	5 846	9 254	8 351	5 268	3 100
Diseases in crops and orchardsfarms, 1987 1982 acres on which used, 1987 1982 Waads, grass, or brush in crops and	2 13 (D) (D)	15 12 1 901 497	11 - 707 -	3 8 947 1 790	14 17 1 090 1 794	9 9 1 037 986	10 7 395 46	8 32 8 3 656
pasture	560	611	590	575	701	657	965	530
	572	675	635	566	629	723	984	525
	91 420	122 662	167 989	143 557	118 189	69 396	208 930	103 253
	111 014	133 648	194 915	120 892	139 982	87 659	203 812	105 825
Chamicals usad for defoliation or for growth control of crops or thinning of fruitfarms, 1987 acres on which used, 1987 1982 1982	9 46 1 504 1 876	11 14 449 2 031	24 8 2 215 2 031	1 (D)	3 41 (D) 7 799	15 16 1 002 520	44 11 5 583 2 346	1 19 (D) 2 168
Chemicals used	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Commarcial fertilizerfarms, 1987	1 006	928	825	1 547	787	1 243	563	478
1982	1 105	1 026	837	1 518	811	1 350	566	431
acras on which used, 1987	134 854	139 119	141 433	276 070	110 361	169 325	92 709	53 664
1982	164 196	169 241	146 457	294 024	106 313	183 969	103 373	52 807
Cropland fartilized, except pasturelandfarms, 1987	992	921	792	1 547	778	1 243	551	462
1982	1 088	1 021	826	1 518	806	1 344	566	422
acres on which used, 1987	131 790	136 356	132 000	275 548	107 066	167 835	91 631	41 863
1982	160 467	164 496	142 885	293 146	103 243	182 190	101 522	44 542
Pasturaland and rangeland fartilizedfarms, 1987_	82	69	146	17	69	43	32	93
1982	117	86	84	20	70	38	55	91
acras on which usad, 1987	3 064	2 763	9 433	522	3 295	1 490	1 078	11 801
1982	3 729	4 745	3 572	878	3 070	1 779	1 851	8 265
Lime	268	216	237	40	185	226	156	127
	261	169	163	3	170	211	76	53
	13 760	17 158	20 112	1 740	12 765	14 743	12 753	4 831
	15 231	9 962	13 915	140	6 337	6 974	5 034	1 599
	34 485	50 652	47 852	4 559	36 296	38 562	29 073	13 168
	41 792	30 374	35 076	395	14 317	19 574	12 923	5 015
control—	636	670	528	413	386	679	378	245
Insects on hay and other cropsfarms, 1987	738	715	495	323	388	635	304	214
acres on which used, 1982	71 873	90 403	85 683	49 815	42 304	71 284	53 625	20 067
1982	101 413	109 002	83 378	48 823	53 132	85 745	39 351	19 478
Namatodes in cropsfarms, 1987	36	73	45	3	2	29	29	19
1982	108	70	65	28	27	59	45	37
acres on which used, 1987	3 269	6 832	6 127	1 121	(D)	2 563	2 798	1 075
1982	18 447	7 734	6 785	4 155	2 209	6 648	10 256	3 651
Diseases in crops and orchardsfarms, 1987 1982 acres on which used, 1987 1982 Weeds, grass, or brush in crops and	10 48 333 1 885	14 22 784 879	11 15 926 1 633	8 14 98 3 430	7 28 40 2 231	24 236 3 597	30 20 3 828 7 380	7 4 350 772
pasturefarms, 1987	801	689	693	1 429	636	1 046	453	339
1982	785	818	793	1 368	635	1 149	545	337
acres on which used, 1987	125 588	110 398	143 683	394 042	112 563	158 428	111 687	44 873
1982	136 392	149 691	159 798	404 199	100 063	203 352	120 472	44 969
Chamicals used for defoliation or for growth control of crops or thinning of fruitfarms, 1987 1982 acras on which used, 1987 1982	18	35	10	3	16	35	14	1
	26	7	32	20	31	17	21	7
	1 745	1 037	462	240	1 531	705	483	(D)
	1 410	920	2 423	9 478	4 569	1 005	2 120	14

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982-Con.

(Data are based on a sample of familis. For meaning of abbrevia	tions and symbols	saa iiiti OddCtOr	y text j				.=	
Chemicals used	Lyon	Madison	Maheska	Marion	Mershall	Mills	Mitchell	Monona
Commercial fertilizerfarms, 1987	1 017	674	1 023	840	781	551	663	744
1982_	1 081	698	883	761	897	524	782	761
acres on which used, 1987	162 688	87 385	127 438	93 127	141 828	100 172	127 633	182 829
1982_	171 432	91 240	135 530	92 854	182 632	109 394	133 088	195 670
Cropland fertilized, except pasturelandfarms, 1987	1 017	648	990	825	765	522	654	744
1982	1 081	674	864	741	891	519	785	760
acres on which used, 1987	160 951	78 082	125 267	87 691	139 140	87 513	127 101	177 493
1982_	166 515	79 025	130 668	89 725	158 808	104 320	132 188	187 433
Pastureland and rangeland fertilizedfarms, 1987	50	113	73	99	44	62	23	79
1982	77	135	100	94	59	78	18	93
acres on which used, 1987	1 737	9 303	2 171	5 436	2 688	2 659	532	5 336
1982	4 917	12 215	4 862	3 129	3 824	5 074	910	8 237
Lime	81	175	328	239	269	54	138	11
	54	96	146	101	93	13	81	7
	6 177	11 230	29 705	15 128	24 432	3 059	7 139	1 710
	3 498	2 352	10 060	6 640	7 092	1 029	5 295	938
	11 363	27 281	68 672	35 258	60 136	6 307	21 661	2 505
	6 716	5 356	24 259	12 065	17 061	2 391	14 305	1 738
control—	472	276	517	386	463	266	353	376
Insects on hay and other cropsfarms, 1987	378	238	629	386	606	213	339	383
acres on which used, 1987	59 045	23 096	58 820	34 025	64 925	36 494	45 088	66 043
1982	50 822	30 340	78 841	39 482	94 552	47 804	49 362	76 825
Nematodes in cropsfarms, 1987	17	49	34	29	24	20	7	15
1982	11	42	28	36	20	19	44	28
acres on which used, 1987	2 550	3 544	3 567	2 954	1 987	984	2 280	3 901
1982	1 819	3 964	3 846	5 314	2 130	2 880	4 026	5 729
Diseases in crops and orchardsfarms, 1987 1982_ acres on which used, 1987 1982_ Weeds, grass, or brush in crops and	13 16 861 5 400	25 2 3 168 (D)	1 10 (D) 2 235	1 7 (D) (D)	18 19 1 604 1 812	20 14 1 186 4 861	17 26 760 4 072	35 1 1 997 (D)
pasture	840	603	818	664	746	517	630	609
	901	662	734	645	741	472	680	615
	178 188	106 497	157 875	99 191	163 851	134 890	146 246	193 925
	195 602	115 485	142 671	108 404	182 790	167 304	157 916	191 120
Chamicals used for defoliation or for growth control of crops or thinning of fruitfarms, 1987 1982 acres on which used, 1987 1982 1982	8 21 1 028 4 497	16 - 606	2 9 (D) 181	11 38 1 120 1 419	2 29 (D) 1 874	21 11 1 749 4 146	1 3 (D) 1 402	9 1 360 (D)
Chemicals used	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Commercial fertilizerfarms, 1987	488	572	671	1 016	639	809	845	1 379
1982	414	514	786	1 039	673	750	805	1 418
acras on which used, 1987	66 927	97 104	108 102	174 268	102 880	117 562	145 989	233 968
1982	44 059	100 118	129 609	165 279	121 640	115 732	148 389	267 285
Cropland fertilized, except pasturalandfarms, 1987	485	553	671	1 012	627	782	845	1 361
1982	376	493	786	1 014	672	717	796	1 398
acres on which used, 1987	54 414	87 877	106 907	174 182	102 182	104 470	144 888	223 827
1982	36 153	91 577	126 484	162 460	121 204	99 993	147 729	256 849
Pastureland and rangeland fertilizedfarms, 1987	95	117	36	8	37	175	56	190
1982	102	134	70	76	20	243	37	212
acras on which used, 1987	12 513	9 227	1 195	86	698	13 082	1 101	10 141
1982	7 906	8 541	3 125	2 819	436	15 739	660	10 436
Lime	160	165	124	280	77	201	73	94
	69	96	106	113	33	115	12	81
	9 237	15 727	10 535	24 089	10 154	15 801	3 875	6 972
	3 268	5 291	5 204	9 749	1 010	6 609	1 059	5 533
	22 922	30 825	25 021	38 485	12 073	31 737	6 355	12 838
	8 166	11 216	12 575	17 922	1 376	15 323	1 539	7 785
control— Insects on hay and other cropsfarms, 1987 acres on which used, 1982 1982	183	233	449	376	133	348	226	689
	178	314	538	310	127	324	252	782
	13 832	34 626	52 035	57 224	17 138	29 675	37 694	86 722
	11 597	43 848	74 979	46 403	20 220	34 704	34 217	107 511
Nematodes in cropsfarms, 1987	16	15	33	27	1	8	4	51
1982	37	6	62	10	15	13	10	51
acres on which used, 1987	3 696	1 711	3 824	3 675	(D)	141	1 730	6 078
1982	3 150	1 004	5 715	1 910	1 612	4 881	2 915	8 259
Diseases in crops and orchardsfarms, 1987 1982 acres on which used, 1987 1982 Weeds, grass, or brush in crops and	- 6 - 28	1 16 (D) 1 286	56 32 3 326 2 065	28 10 3 613 (D)	17 1 2 726 (D)	7 6 852 1 623	8 8 (D) 3 685	18 26 543 2 762
pasture	453	504	546	893	598	796	742	1 191
	363	442	554	962	547	659	693	1 240
	52 415	112 813	96 672	212 408	149 156	144 863	188 100	229 404
	38 154	122 345	101 251	232 875	151 122	147 981	206 757	264 985
Chemicals used for detaliation or for growth control of crops or thinning of fruit	16 33 320 2 067	3 11 (D) (D)	9 35 1 435 1 367	10 11 2 059 1 447	17 34 1 810 5 666	1 (D)	14 25 3 092 4 730	17 22 3 598 3 152

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982-Con.

[Data are based on a sample of farms. For meaning of abbrevi								
Chemicals used	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelb
Commercial fertilizerfarms, 1987_	862	687	1 247	810	515	817	723	98
1982_	921	732	1 340	897	569	867	858	1 04
acres on which used, 1987_	142 329	105 398	243 740	128 840	80 907	144 080	128 697	181 85
1982_	163 919	101 556	278 866	137 863	98 890	177 881	160 666	172 53
Cropland fertilized, except pasturelandfarms, 1987_	857	674	1 204	793	496	810	716	97
1982_	921	714	1 322	884	559	867	830	1 03
acres on which used, 1987_	142 219	104 961	234 939	120 088	65 769	142 271	126 523	176 57
1982_	(D)	100 094	270 904	130 988	81 235	175 308	158 256	165 87
Pastureland and rangeland fertilizedfarms, 1987_	6	27	217	121	153	40	45	13
1982_	2	63	233	132	217	62	78	14
acres on which used, 1987_	110	437	8 801	8 752	15 138	1 809	2 174	5 27
1982_	(D)	1 462	7 962	6 875	17 655	2 573	2 410	6 66
Limefarms, 1987_	99	105	116	273	200	125	175	16
1982	34	52	132	141	155	174	125	5
acres on which used, 1987	4 045	8 152	6 846	18 743	13 178	8 730	12 760	15 17
1982	1 140	3 761	9 199	6 445	7 158	11 995	7 528	8 21
tons, 1987	7 265	17 644	12 072	45 351	30 782	13 023	31 800	30 09
1982	2 098	9 445	19 865	15 465	18 113	21 596	17 238	16 44
Sprays, dusts, granules, fumigants, etc., to control— Insacts on hay and other cropsfarms, 1987 1982 acres on which used, 1987	186 199 23 938	273 221 32 429	827 837 104 387	450 457	215 310	365 399	576 592	55 61
Nematodes in crops	43 650 23	25 018 35 20	136 012 17 46	41 146 59 774 - 27	22 955 36 150 8 7	50 764 73 824 17 22	73 420 111 582 96	75 97 82 32
acres on which used, 1987 1982 Diseases in crops and orchards	2 640 1 013	2 801 506	3 130 6 990	2 011	1 756 1 848	1 718 6 354	71 12 006 9 620	3 2 5 95 5 00
Weeds, grass, or brush in crops and pasture	(D)	19 2 967 2 258 600	20 526 4 615	31 3 872 726	15 (D) 1 711 394	14 13 2 951 4 484 699	15 11 760 1 840	1 (C 79 87
1982	857	669	1 078	780	469	746	659	77
acres on which used, 1987	207 380	150 632	292 057	146 173	76 073	170 520	113 108	178 49
1982	249 407	157 628	310 986	151 595	78 724	226 065	132 922	146 15
Chemicals used for defoliation or for growth control of crops or thinning of fruitfarms, 1987	23 17 3 778 2 434	9 18 402 966	7 18 790 4 163	19 14 4 659 6 160	16 19 88 2 513	16 14 3 385 42	2 8 (D) 720	1 76 (C
Chemicals used	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warre
Commercial fertilizerfarms, 1987	1 513	846	1 157	580	487	593	560	81
1982	1 512	931	1 142	578	537	627	686	80
acres on which used, 1987	250 375	143 994	169 572	80 240	61 843	68 567	64 030	96 00
1982	256 376	161 609	179 791	78 476	63 096	79 669	85 430	112 42
Cropland fertilized, except pasturelandfarms, 1987	1 487	845	1 148	573	468	578	547	78
1982	1 505	922	1 118	571	513	615	673	79
acres on which used, 1987	249 310	143 404	166 017	70 488	50 199	63 021	60 770	89 22
1982	252 191	160 459	173 951	67 329	51 057	75 467	81 092	105 49
Pastureland and rangeland fertilizedfarms, 1987_	54	35	66	87	110	104	52	8
1982_	67	31	150	138	141	85	78	9
acres on which used, 1987_	1 065	590	3 555	9 752	11 644	5 546	3 260	6 77
1982_	4 185	1 150	5 840	11 147	12 039	4 202	4 338	6 93
Limefarms, 1987	261	88	267	186	145	249	198	17
	115	47	162	78	156	110	146	14
	20 324	7 764	24 781	19 196	6 313	17 452	9 247	9 92
	7 721	3 412	9 249	4 185	6 047	3 409	4 990	6 41
	38 696	19 490	54 158	38 288	14 662	51 957	24 925	20 07
	13 242	8 759	22 843	8 832	13 530	8 730	13 588	13 36
control— Insects on hay and other cropsfarms, 1987_ 982_ acres on which used, 1987_ 1982_	943	250	748	248	190	282	224	38
	888	250	586	220	292	239	275	48
	117 503	29 600	86 558	27 021	17 603	30 186	23 847	34 05
	127 481	39 527	86 410	32 969	22 809	38 630	39 786	66 98
Nematodes in cropsfarms, 1987	65	2	24	20	5	7	9	2!
1982	47	13	68	47	6	27	41	7:
acres on which used, 1987	7 738	(D)	1 750	1 285	919	420	368	3 15:
1982	8 037	2 015	3 902	4 067	775	2 698	2 272	4 93:
Diseases in crops and orchardsfarms, 1987 1982 acres on which used, 1987 1982	29 37 1 838 4 320	9 6 28 (D)	36 6 1 164 858	15 1 160	- 22 - 858	28 25 1 772 2 356	- 9 - 1 992	1: 2: 91: 72:
Weeds, grass, or brush in crops and pasturefarms, 1987	1 240	835	923	528	424	458	451	68!
	1 234	868	958	574	531	491	639	76:
	231 484	207 693	185 828	93 817	78 611	62 777	70 344	102 53:
	238 926	227 780	205 894	98 433	78 167	84 317	86 613	133 09!
Chemicals used for defoliation or for growth control of crops or thinning of fruitfarms, 1987acres on which used, 1987	7 35 2 822 3 636	15 13 2 633 3 265	6 24 84 355	15 1 000	10 8 388 759	11 5 505 2 200	5 20 85 7 594	40 14 1 356

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982-Con.

Chemicels used	Washington	Wayna	Wabatar	Winnabago	Winnashiak	Woodbury	Worth	Wright
Commercial fertilizerfarms, 1887	907	524	1 028	634	1 332	1 024	547	784
	889	615	1 056	619	1 337	1 125	619	837
	127 132	70 084	186 178	105 694	152 409	213 612	94 189	160 046
	162 864	92 628	188 185	123 939	161 780	259 200	126 281	171 400
Cropland fertilized, axcapt pasturelendfarms, 1987	906	484	1 020	634	1 283	1 003	541	784
1982	889	587	1 056	619	1 309	1 074	619	837
acras on which used, 1987	123 899	56 591	185 947	(D)	146 824	203 563	93 384	159 741
1982	159 833	82 882	188 093	123 715	158 653	245 986	126 058	171 127
Pastureland and rengeland fertilizedfarms, 1987	71	158	15	1	149	157	22	13
1982	55	140	8	14	138	244	14	4
acras on which used, 1987	3 233	13 503	231	(D)	5 585	10 049	805	305
1982	3 031	9 766	92	224	3 127	13 214	223	273
Limafarms, 1987	310	191	63	19	436	52	33	12
1882	133	123	32	7	243	31	50	5
acres on which used, 1987	23 354	12 394	5 848	1 442	15 297	6 178	3 845	1 393
1982	8 285	4 585	1 981	416	10 223	2 937	4 705	330
tons, 1987	56 771	31 754	13 301	2 368	45 837	8 920	9 092	2 159
1982	23 304	12 053	3 302	675	21 129	3 726	5 777	800
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other cropsfarms, 1987 acras on which used, 1987 1982	565	283	245	153	947	638	225	140
	605	303	176	165	945	630	246	139
	68 727	33 488	31 322	16 159	76 911	114 525	19 166	17 854
	112 411	49 535	30 736	21 037	110 803	144 247	26 249	22 913
Namatodas in cropsfarms, 1887	8	28	7	7	57	35	7	14
1982	82	7	8	21	164	22	9	6
acras on which used, 1987	1 578	2 411	91	105	5 037	4 708	592	335
1982	13 504	1 750	632	1 698	18 599	3 468	1 317	430
Diseases in crops and orchardsfarms, 1987 1982 acras on which used, 1987 1982	22 41 1 508 7 933	- - -	20 8 (D) 2 062	8 1 200	33 39 1 459 3 501	3 7 1 113 656	2 12 (D) 1 502	10 9 464 2 890
Weeds, grass, or brush in crops and pasture	729	413	969	574	1 025	942	520	778
	767	483	987	612	769	935	589	730
	134 519	62 000	280 739	157 332	99 233	213 291	122 040	242 315
	160 224	80 627	296 995	158 517	95 982	248 884	165 714	240 572
Chamicals used for defoliation or for growth control of crops or thinning of fruitfarms, 1987 1982 acras on which usad, 1987 1982	12 22 3 475 2 105	13 14 436 504	8 5 1 403 375	5 7 (D) 4 258	22 25 1 704 8 480	2 6 (D) 790	2 13 (D) 1 489	30 4 776

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory taxt	·]			1			
Characteristics	lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
FARMS							
Land in farms farms, 1987	105 180	970	688	1 062	891	851	1 434
1982 acres, 1987	115 413 31 638 130	1 065 353 365	737 243 607	1 134 321 226	900 244 681	905 268 437	1 585 419 480
Harvested cropland farms, 1982	32 611 964 92 878	355 269 859	254 071 587	351 756 928	236 501 761	283 782 721	441 810 1 276
1982 acras, 1987 1982	103 644 20 484 178 24 137 670	963 196 940 217 307	115 592 142 514	1 021 140 120 171 287	794 94 539 98 079	820 172 611 207 627	1 434 301 315 352 554
TENURE OF OPERATOR							
Full owners farms, 1987	48 226	474	376	613	591	379	576
1982 acras, 1987 1982	52 934 7 963 226 9 348 834	531 94 098 113 020	367 87 212 93 608	645 145 479 164 413	561 108 908	434 64 802 87 705	689 91 377
Harvested cropland farms, 1987 1982	9 346 634 37 835 43 087	389 440	288 303	490 548	109 707 482 474	284 361	122 761 445 552
acres, 1987 1982	4 398 979 6 133 611	45 772 64 574	38 470 49 743	53 830 70 175	36 362 40 844	36 778 60 371	60 146 92 185
Part owners farms, 1987	35 207	342	220	303	216	293	482
1982 acres, 1987 1982	38 427 17 255 971 17 113 389	362 210 610 191 977	236 121 802 109 325	333 133 982 144 596	251 108 393 103 339	282 149 891 145 777	544 221 250 234 373
Owned land in farmsacras, 1987 1982	7 087 134 7 629 254	92 972 90 700	67 428 57 419	83 330 89 120	51 341 50 649	67 173 69 713	88 894 100 975
Rented land in farmsacras, 1987 1982	10 168 837 9 484 135	117 638 101 277	54 374 51 906	50 652 55 476	57 052 52 690	82 718 76 064	132 356 133 398
Harvested cropland farms, 1987 1982	34 647 37 829	337 355	215 227	301	207 242	282 277	477
acres, 1987 1982	11 572 966 13 088 725	123 184 119 302	60 026 64 377	328 63 740 78 999	47 840 46 705	99 732 107 041	539 161 777 190 131
Tanants farms, 1987	21 747	154	92	146	84	179	376
1982 acres, 1987 1982	24 052 6 418 933 6 149 741	172 48 657 50 272	134 34 593 51 138	156 41 765 42 747	88 27 360 23 455	189 53 744 50 300	352 106 853
Harvested cropland farms, 1987 1982	20 396 22 728	133 168	84 132	137 145	72 72 78	155 182	84 676 354 343 79 392
acras, 1987 1982	4 512 233 4 915 334	27 984 33 431	17 096 28 394	22 550 22 113	10 337 10 530	36 101 40 215	79 392 70 238
OPERATOR CHARACTERISTICS Operators by place of residence: On farm operated	78 710	723	508	850	661	628	1 081
Not on farm operated1982	87 160 20 505	822 204	557 151	921 153	653 178	680 165	1 208 274
Not raported	18 304 5 965 9 949	172 43 71	115 29 65	131 59 82	168 52 79	132 58 93	240 79 137
Operators by principal occupation: Farming	75 279	713	486	851	530	629	1 007
1982_ Other1987_	86 041 29 901	853 257	590 202	938 211	528 361	730 222	1 161 427
1982	29 372	212	147	196	372	175	424
Operators by days of work off farm: None	51 753	491	301	640	396	443	711
1982 Any	55 958 46 229 48 480	556 401 412	359 323 283	649 358 373	354 419 461	471 345 329	784 630 661
1 to 49 days1987	9 615	101	74	.88	50	.80	124
1982 50 to 99 days	12 927 3 489	144 27	70 35	126 22	66 22	105 21	171 34
1982 100 to 149 days1982 1982	3 473 3 325 3 159	33 17 22	33 27 25	18 32 19	17 33 32	33 31 21	34 56 50 40
150 to 199 days	3 872 3 681	37 34	23 27	41 40	50 46	35 32	40 48
200 days or mora1987 1982	25 928 25 240	219 179	164 128	175 170	264 300	178 138	382 346
Not reported1987 1982	7 198 10 975	78 97	64 95	64 112	76 85	63 105	93 140
Operators by years on present farm: 2 years or lass1987	5 787	64	26	74	49	43	88
987	6 382 5 973	47 46	52 44	64 63	49 49 41	37 51	84 88
1982 5 to 9 years1987	9 037 13 617	84 108	45 92	85 119	69 95	84 111	116 200
1982 10 years or more1987	17 921 65 721	150 626	109 431	166 653	153 563	122 517	253 896
1982 Averaga yaars on present farm1987	63 794 19.7	626 20.5	409 21.4	653 19.9	477 21.3	514 19.1	899 18.8
1982 Not reported1987	17.9 14 082	18.9	19.3 95	18.1 153	17.9	18.0 129	17.7 162
1982	18 279	158	122	166	152	148	162 233

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols,	see introductory text]							
Cheracteristics		Black Hawk	Boone	Bremar	Buchanan	Buena Vista	Butler	Celhoun
FARMS								
Lend in ferms	ferms, 1987	1 269	1 029	1 140	1 332	1 097	1 294	992
	1982 acres, 1987	1 352 305 516	1 153 336 666	1 287 235 086	1 403 337 126	1 185 358 798	1 467 328 114	1 164 342 1 60
Heritanian and annulated	1982	308 845	333 139 938	250 402 985	335 502 1 198	361 120 996	336 000 1 115	351 373 927
Harvasted croplend	1982	1 125 1 210	1 049	1 156	1 273	1 099	1 290	1 082
	acres, 1987 1982	223 324 257 275	245 517 275 122	168 763 201 291	236 312 275 747	264 594 309 121	229 095 273 765	263 491 306 918
TENURE OF OPERATOR								
Full owners		620	402	566	646	360	572	324
	1982 acres, 1987	678 64 464	445 59 502	695 62 021	691 93 345	373 60 645	701 77 772	363 48 797
Harvested cropland	1982 farms 1987	85 216 488	65 373 328	85 579 436	103 935 534	70 844 275	104 053 418	57 271 266
rial vested cropiona	1982	552	357	581 41 226	576	312 43 811	544 50 997	298 35 504
	acres, 1987 1982	44 122 64 526	39 557 48 159	65 323	61 161 79 473	58 180	79 379	46 016
Part owners		413	415	329 370	387	427	440 427	400
	1982 acres, 1987	426 179 467	470 211 067	127 684	443 178 653	494 211 328	181 461	203 452
Owned land in farms	1982 acras, 1987	176 953 68 018	205 599 63 402	124 567 53 126	177 336 77 314	209 592 65 729	161 541 73 7 56	193 562 61 059
Rented land in forms	1982 acres, 1987	78 432 111 449	79 022 147 665	59 243 74 558	82 717 101 339	76 527 145 599	73 928 107 705	68 560 142 393
	1982	98 521	126 577	65 324	94 619	133 065	87 613	125 002
Harvested cropland	farms, 1987 1982	410 422	407 460	325 363	382 438	421 485	434 424	398 428
	acres, 1987 1982	134 121 152 070	156 553 174 090	94 288 102 210	128 560 150 965	154 623 179 871	128 386 135 991	158 983 170 960
-					299	310	282	268
Tanants	1982	236 248	212	245	269	318	339	365 89 911
	acres, 1987 1982	61 585 46 676	66 097 62 167	45 381 40 256	65 128 54 231	86 825 80 684	68 881 70 406	100 540
Harvested cropland	farms, 1987 1982	227 236	203 232	224 212	282 259	300 302	263 322	263 356 69 004
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987	953 1 026	774 877	890 1 046	1 007 1 103	825 888	1 022 1 116	701 817
Not on farm operated	1987	250 209	221 198	189 149	255 205	215 213	194 222	231 217
Not reported		66 117	34 78	61 92	70 95	57 84	78 129	60 130
Operators by principal occupation:	4007	740	600	740	968	864	942	794
Farming	1982	742 780	693 810	719 851	1 041	965	1 054	936 198
Other	1987 1982	527 572	336 343	421 436	364 362	220	352 413	228
Operators by days of work off farm:	1007	540	500	507	617	587	646	483
None	1982	512 514	508 557 477	530 552	672 619	664 439	674 548	576 432
Any	1982	695 752	498	660	619	419	663	452
1 to 49 days		109	96	79	139	136	115	109
50 to 99 days		112 40	113 28	140 23	146 53	144 34	177 52	160 46 42 59 32 36 31
100 to 149 days	1982	33 37	32 35	40 34	42 54	29 29	44 43	42 59
150 to 199 deys	1982	42 53	31 40	44 47	41 67	39 35	49 42	36
200 days or more	1982	55 456	44 278	50 369	64 306	34 205	51 296	
	1982	510	278	386	326	173	342	185
Not reported	1987	62 86	44 98	81 97	96 112	71 102	100 130	77 136
Operators by years on present farm: 2 years or less	1987	76	51	68	95	47	66	50
· ·	1982	73 77	53 48	83 75	82 91	46 60	82 70	66 64
3 or 4 years	1982	103	82	105	122	96	135	97 137
5 to 9 years	1982	174 212	143 169	152 219	167 253	128 212	195 226	153
10 years or more	1987 1982	815 772	675 692	704 713	820 749	737 661	771 797	597 633
Average years on present farm		18.8 17.8	19.8 19.5	17.9 16.4	18.4 16.6	20.3 18.8	19.1 16.9	19.5 17.9
Not reported	1987	127		141	159	125	192	144
	1982	192	112 157	167	197	170	227	215

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of appreviations end symbols,	see introductory text]							
Cheracteristics		Carroll	Cess	Cedar	Cerro Gordo	Charokee	Chickasaw	Clarke
FARMS								
Land in ferms	1982	1 319 1 396	942 1 087 333 083	1 170 1 323	929 1 045 317 974	1 091 1 214 338 708	1 054 1 180 276 216	697 766 229 423
Harvested cropland	ecres, 1987 1982 1982 1982 1982 acres, 1987 1982	366 656 363 436 1 164 1 248 270 392 300 937	345 726 834 964 213 323 246 427	345 483 349 453 1 012 1 172 230 081 281 855	317 974 327 445 847 945 233 423 281 033	340 594 979 1 095 230 141 262 179	289 542 953 1 051 187 589 232 837	229 423 236 759 586 677 93 996 114 076
TENURE OF OPERATOR								
Full owners	farms, 1987 1982	519 573	401 472	532 612	335 423	381 478	514 612	395 447
	acras, 1987 1982	76 074 101 001	69 295 90 141	81 358 101 468	53 103 75 708	66 209 92 670	88 165 92 332	88 448 94 729
Harvested croplend	1982 1982 acras, 1987 1982	388 445 53 135 80 284	309 371 40 268 58 594	395 487 51 254 77 887	271 338 36 895 62 410	294 378 42 900 67 189	421 500 54 792 68 150	313 373 29 618 40 070
Part owners		464	327	380	357	409	349	212
rat (milois	1982 acres, 1987	461 193 571	366 193 527	426 178 878	391 185 127	426 188 545	363 142 807	204 115 704
Owned lend in ferms	1982	172 471 79 018	186 103 81 864	179 781 76 960	194 784 64 851	173 972 77 352	153 397 67 954	109 981 58 017
Rented land in farms	1982	79 946 114 553 92 525	76 651 111 663 109 452	79 960 101 918 99 821	79 737 120 276 115 047	77 227 111 193 96 745	76 328 74 853 77 069	57 472 57 687 52 509
Harvasted cropland		459	326	372	355 389	397	346	204
	1982 acras, 1987 1982	459 144 287 144 620	357 127 598 136 465	415 117 698 147 302	136 787 168 687	128 322 128 343	358 100 982 127 350	200 50 435 56 855
Tenants	farms, 1987 1982	336 362	214 249	258 285	237 231	301 310	191 205	90 115
	acras, 1987 1982	97 011 89 964	70 261 69 482	85 247 68 204	79 744 56 953	83 954 73 952	45 244 43 813	25 271 32 049
Harvastad cropland		317 344	199	245 270	221 218	288 295	186 193	69 104
	acres, 1987 1982	72 970 76 033	45 457 51 368	61 129 56 666	59 741 49 936	58 919 59 047	31 815 37 337	13 943 17 151
OPERATOR CHARACTERISTICS Operators by plece of residence: On farm operated	1982 1987	960 1 044 264	674 802 230	902 1 025 220	661 749 212	829 927 191	814 885 183	538 566 122
Not reported	1982 1987 1982	217 95 135	183 38 102	185 48 113	194 56 102	170 71 117	188 57 107	144 37 56
Operators by principal occupation:	1087	1 056	700	907	650	843	751	480
Other	1982	1 158 263	839 242	1 057 263	749 279	1 000 248	829 303	523 217
	1982	238	248	266	296	214	351	243
Operators by days of work off farm: None	1987	711	502	637	448	589	551	327
Any	1982 1987 1982	744 532 496	564 368 415	745 452 451	483 424 466	640 436 441	540 446 518	331 317 367
1 to 49 days	1987	151 201	88 114	105 139	77 121	106 138	80 102	50 73
50 to 99 days		55 32	27 32	36 30	33 21	40 41	40 37	50 73 18 30
100 to 149 days		40 36	4	38 29	33	26	22 44	14
150 to 199 days		37 33	22 23 32	34 38	40 32	26 26 25 228	40 41	23 44 40
200 days or more		249 194	226 215	239 215	241 254	228 211	264 294	191 201
Not reported	1987 1982	76 156	72 108	81 127	57 96	66 133	57 122	53 68
Operators by years on present farm: 2 years or less	1087	74	58	76	64	49	69	41
3 or 4 years	1982	84 106	69 56	60 65	46 53	67 78	70 61	54 32
5 to 9 years	1982	117 193	83 125	97 136	79 122	89 161	90 123	54 32 63 94
10 years or more	1982	209 768	169 594	191 779	187 565	196 663	189 647	130 434
Averege yeers on present ferm	1982	749 18.1	595 19.7	796 19.8	580 18.1	663 19.2	641 19.2	397 20.2
Not reported	1982	18.2	17.8	18.1	17.3	18.1	17.3 154	17.1 96
Hot reported	1982	237	171	179	125 153	199	190	122

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, s	sea introductory text]							
Characteristics		Clay	Clayton	Clinton	Crawford	Deltas	Davis	Decatur
FARMS								
Land in farms	farms, 1987	877	1 705	1 437	1 339	1 081	921	715
	1982 acres, 1987	1 045 315 558	1 725 450 742	1 570 376 952	1 511 406 895	1 208 328 319	954 266 999	769 278 714
Harvested cropland	1982 farms, 1987	347 722 795	447 361 1 508	398 062 1 256	426 523 1 128	346 023 947	278 852 795	300 684 581
	1982 acres, 1987 1982	957 229 226 289 853	1 563 240 158 264 630	1 394 258 502 321 273	1 349 264 366 311 178	1 079 223 550 272 553	847 107 597 136 324	667 87 184 131 493
TENURE OF OPERATOR								
Full owners		320	987	646	628	512	627	436
	1982 acres, 1987 1982	337 50 758 61 672	1 010 191 967 203 220	761 94 570	688 106 364 121 798	517 69 568	627 126 970	436 106 932
Harvested cropland		251 272	810 871	116 434 493 604	449 544	73 326 404 417	128 461 523 535	337
	ecres, 1987 1982	33 554 48 363	90 543 109 190	57 947 87 179	62 060 84 620	39 205 49 882	45 001 55 413	123 249 337 363 31 622 52 006
Part owners		347	417	439	411	349	227	192
	1982 acres, 1987	400 193 250	182 323	513 195 063	475 211 150	428 182 937	259 124 895	220 127 774
Owned land in farms		200 642 68 187	180 565 111 778	218 390 85 955	215 314 89 431	196 901 59 855	133 995 62 735	139 142 62 713
Rented land in farms	1982 acres, 1987 1982	74 209 125 063 126 433	113 192 70 545 67 373	110 877 109 108 107 513	101 988 121 719 113 326	72 103 123 082 124 798	71 918 62 160 62 077	69 077 65 061 70 065
Harvested cropland		346	413	432	399	342	222	176
	1982 acres, 1987 1982	395 142 888 169 543	439 102 400 115 017	510 138 230 180 436	468 140 945 160 435	419 128 907 158 957	256 55 833 72 232	209 49 076 59 768
Tenants		210	301	352	300	220	67	87
	1982 acres, 1987	308 71 550	269 76 452	296 87 319	348 89 381	263 75 814	15 134	113 44 008
Harvested cropland		85 408 198	63 576 285	63 238 331	89 411 280	75 796 201	16 396 50	38 293 68
	1982 acres, 1987 1982	290 52 884 71 947	253 47 215 40 423	280 62 325 53 658	337 61 361 66 123	243 55 438 63 714	56 6 763 8 679	95 16 486 19 719
OPERATOR CHARACTERISTICS Operators by place of residence: On farm operated	1987	664	1 350	1 068	1 010	767	751	510
Not on farm operated	1982 1987	789 174	1 419 275	1 225 290	1 110 249	906 263	759 113	547 173
Not reported	1982 1987 1982	185 39 71	183 80 123	229 79 116	243 80 158	222 51 80	108 57 87	148 32 74
Operators by principal occupation:	1902		123	110	130	00	•	, ,
Farming	1987 1982	684 843	1 333 1 399	1 002 1 168	1 001 1 176	645 761	565 619	423 506
Other	1987 1982	193 202	372 326	435 402	338 335	436 447	356 335	292 263
Operators by days of work off farm;	1007	400	1 045	641	694	422	363	294
None	1982	490 557 325	1 045 1 009 568	641 738 703	684 703 551	422 502 586	379 486	313 375 384
(iii)	1982	397	581	699	651	613	494	384
1 to 49 days	1982	90 131	113 183	142 170	114 203	87 107	77 92	58 89
50 to 99 days	1982	17 34	36 42	58 45	43 57	36 45	35 27	19 29
100 to 149 days	1982	12 31	32 27	57 51	32 34	41 44	41 38	25 27
150 to 199 days	1982	26 20	56 53	67 59	30 39	60 45	46 38	29 25 27 36 32 237 207
200 days or more	1987	180 181	331 276	379 374	332 318	362 372	287 299	237 207
Not reported	1987 1982	62 91	82 135	93 133	104 157	73 93	72 81	46 72
Operators by years on present farm:	105-		45.	400			60	40
2 years or less	1982	45 68	134 92	103 98	80 89	71 68	60 66	40 41
3 or 4 years	1982	41 82	110 135	73 141	86 123	64 87	43 82	46 64
5 to 9 years	1982	118 181	218 230	195 244	159 211	123 251	142 143 550	46 64 93 122 436 410
10 years or more	1982	558 575	1 041 1 028	888 871	797 809 19.5	673 647 19.4	516 19.4	410 19.7
Average years on present farm	1982	19.6 17.7	18.9 17.9	18.4 17.1	17.6	17.4	17.4	17.5
Not reported	1987 1982	115 139	202 240	178 216	217 279	150 155	126 147	100 132

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols,	see introductory text]								
Characteristics		Delaware	Des Moines	Dickinson	Dubuqua	Emmat	Fayette	Floyd	Franklin
FARMS									
Land in farms	farms 1987	1 452	753	593	1 689	609	1 510	985	1 012
	1982 acres, 1987	1 481 353 940	815 210 843	652 211 002	1 708 334 112	714 227 932	1 641 420 682	1 097 296 488	1 168 346 389
Harvested cropland	1982	351 861 1 315	224 770 688	227 557 534	338 912 1 469	245 412 553	437 010 1 353	301 722 888	366 773 900
	1982 acres, 1987	1 368 242 896	719 133 157	598 151 322	1 549 206 360	665 165 963	1 493 279 159	1 001 215 365	1 065 251 619
	1982	275 074	160 882	186 783	223 575	207 784	330 393	253 591	309 260
TENURE OF OPERATOR									
Full owners		766 838	358 421	216 214	1 022 1 048	174 228	766 847	404 464	358 445
	1982 acres, 1987 1982	141 377 149 259	52 715 71 127	32 735 47 063	157 506 176 228	28 799 45 054	125 464 148 252	58 250 64 020	67 333 89 904
Hervested cropland		651 733	304 335	162 172	826 919	131 190	624 718	321 377	270 366
	acres, 1987 1982	95 185 112 965	28 078 46 961	21 703 37 025	93 218 114 332	18 462 37 949	74 745 102 427	38 543 49 317	46 859 73 132
Part owners	farms, 1987 1982	362 388	257 267	223 256	369 391	218 264	469 519	389 431	374 424
	acres, 1987 1982	143 876 149 434	120 998 126 601	115 846 125 900	120 473 114 342	118 891 130 698	218 629 225 835	187 962 190 725	424 189 224 197 421
Owned land in farms	acres, 1987 1982	78 931 84 190	47 523 51 010	42 671 51 452	72 020 71 617	38 765 49 311	113 991 118 969	72 666 80 554	73 138 88 650
Ranted land in farms	acres, 1987 1982	64 945 65 244	73 475 75 591	73 1 7 5) 74 448	48 453 42 725	80 126 81 387	104 638 106 866	115 296 110 171	116 085 108 771
Harvested cropland	farms, 1987 1982	360 386	253 262	221 254	362 380	215 259	462 515	382 427	368 422
	acras, 1987 1982	98 923 119 880	79 515 91 527	83 271 103 812	74 890 75 953	87 783 108 694	150 663 176 072	138 498 163 361	140 340 167 964
Tenants		324 255	138	154	298 269	217 222	275 275	192	282 289
	1982 acres, 1987 1982	68 687 53 168	127 37 130 27 042	182 62 421 54 594	56 133 48 342	80 242 69 660	76 589 62 923	202 50 276 46 977	89 832 79 448
Harvested croplend		304 249	131	151 172	281 250	207 216	267 260	185 197	262 277
	acres, 1987 1982	48 788 42 22 9	25 564 22 394	46 343 45 946	38 252 33 290	59 718 61 141	53 751 51 894	38 324 40 913	64 420 68 164
OPERATOR CHARACTERISTICS									
Operators by place of residence: On farm operated	1987	1 188	539	438	1 371	474	1 213	721	780
Not on farm operated	1982	1 233 192	605 165	488 117	1 364 231	514 105	1 307 228	850 197	780 886 187
Not reported	1982	149 72 99	145 49 65	119 38 45	192 87 152	125 30 75	214 69 120	165 67 82	169 45 113
Operators by principal occupation:		33	03	70		,,,	120		
Farming	1982	1 213 1 261	445 524	469 522	1 275 1 324	510 587	1 154 1 288	682 793	812 951
Other	1987 1982	239 220	308 291	124 130	414 384	99 127	356 353	303 304	200 217
Operators by days of work off farm:	1987	874	301	299	957	341	853	469	552
Any	1982 1987 1982	868 471 466	334 397 408	349 244 246	891 628 642	391 222 247	867 563 613	501 462 503	607 393 433
1 to 49 days		125	60	71	90	71	129	92	93
50 to 99 days	1982 1987	150 36	83 21	89 19	138 38	76 16	186 29	134 35	137 42 31 38 23 34 34 186
100 to 149 days	1982 1987	30 29	21 17	16 19	56 35	19 21	39 54 44	29 28	31 36
150 to 199 days	1982	38 43	24 25 50	21 23	53 56 66	27 17 31	51 46	44 41 53	34 34
200 days or more	1982 1987 1982	35 238 213	274 230	15 112 105	409 329	97 94	300 298	266 243	186 208
Not raported	1987 1982	107 147	55 : 73 :	50 57	104 175	46 76	94 161	54 93	87 128
Operators by years on present farm:									
2 years or lass	1982	87 84	31 46	30 42	69 104	34 33	98 79	64 55	50 70 51 88
3 or 4 years5 to 9 years	1982	102 122 203	50 64 99	55 43 55	115 145 252	33 55 65	84 137 174	46 79 127	88 130
10 years or more	1982	246 892	119 462	107 373	252 223 1 035	132 393	234 994	183 616	177
Average years on present farm	1982	830 17.8	472 20.8	357 19.8	965 19.0	376 18.6	948 19.7	629 19.5	664 652 20.7
Not reported	1982	16.3 168	19.6	18.0 80	17.5 218	17.3 84	17.6	18.2 132	18.6 117
1401 10pullou	1982	199	114	103	271	118	243	151	181

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbraviations and symbols, see introductory text]								
Characteristics	Fremont	Greene	Grundy	Guthrie	Hemilton	Hencock	Hardin	Herrison
FARMS								
Appendix Appendix	710	948	1 037	960	1 026	1 052	1 065	1 024
Land in farms	719 771 308 796	1 054 353 283	1 135 319 657	1 105 316 631	1 158 347 353	1 176 347 774	1 208 337 990	1 192 387 190
Hervested croplandfarms, 1987	306 786 636	359 023 850	320 558 929	326 495 830	358 259 935	351 156 975	355 823 944	408 601 925
1982 acres, 1987 1982	706 203 010 221 709	956 258 005 298 927	1 012 243 481 280 478	984 176 254 212 433	1 059 262 514 312 961	1 103 259 372 309 687	1 071 243 566 295 747	1 093 253 868 298 908
TENURE OF OPERATOR								
Full ownersfarms, 1987	310 282	320 377	349 416	486 551	343 350	344 397	391 460	467 551
ecres, 1987 1982	53 496 63 626	48 319 74 530	44 368 59 413	88 365 93 393	50 619 61 254	55 621 68 978	55 770 73 622	92 140 123 446
Harveeted cropisndfarms, 1987 1982	238 229	240 302	258 317	380 447	267 273	278 330	281 349	382 464
ecres, 1987 1982	30 056 41 776	34 020 58 093	32 677 50 164	39 590 53 088	35 792 51 280	39 146 59 007	37 393 57 396	54 084 78 052
Part ownersfarms, 1987	258 306	363 406	363 394	303 341	395 460	416 444	416 431	346 374
ecres, 1987 1982	176 296 171 665	208 841 208 464	182 797 178 378	172 136 176 326	201 018 205 600	198 241 194 070	198 631 204 651	213 773
Owned land in farmsacres, 1987 1982	62 812 66 583	73 649 81 169	63 413 69 045	65 632 78 910	72 323 84 043	68 332 76 831	70 002 89 009 128 629	194 432 86 103 79 622 127 670
Rented land in farmsacres, 1987 1982	113 484 105 082	135 192 127 295	119 384 109 333	106 504 97 416	128 695 1 121 557	129 909 117 239	115 642	114 810
Harvested croplendfarms, 1887	253 301	360 398	362 389	293 336	392 453	413 443	411 426	344 372
scres, 1987 1982	118 820 126 488	151 792 175 206	139 798 156 883	102 984 118 672	153 533 179 658	148 314 171 873	143 786 172 178	144 696 149 592
Tenentsferme, 1987	151	265	325 325	171 213	288 348	292 335	258 317	211
1982 ecres, 1987	183 79 004 71 495	271 96 123 76 029	92 492 82 767	56 130 56 776	95 716 91 405	93 912 88 108	83 589 77 550	267 81 277 90 723 199 257 55 088
Harvested croplandfarms, 1987	145 176	250 255	309 306	157 201	276 333	284 330	252 296	199
ecres, 1987 1982	54 134 53 445	72 193 65 628	71 006 73 431	33 680 40 673	73 189 82 023	71 912 78 807	62 387 66 173	55 088 71 264
OPERATOR CHARACTERISTICS								
Operators by plece of residence: On farm operated1987	469	636	743	697 761	724 837	791 898	793 891	720 887
Not on farm operated	523 209 180	740 260 233	871 239 170	206 226	254 220	206 196	223 217	243 189
Not reported 1987 1982	41 68	52 81	55 94	57 118	48 101	55 82	49 100	61 116
Operators by principal occupation: Farming	559	723	762	656	760	846	799	776
1982 Other	611 160	816 225	870 275	787 304	947 266	1 012 206	902 266	930 248
1982	160	238	265	318	211	164	306	262
Operators by days of work off farm: None	395 414	477 507	498 518	436 504	498 599	533 617	547 603	537 63 9
Any1987 1982	277 281	412 446	474 512	436 497	456 446	445 446	464 521	410 430
1 to 49 days1987	69	123	129	65	119	113 214	112 156	106
1982 50 to 99 days1987 1987	81 26 26	150 40 36	170 34 40	105 38 36	158 41 37	50 39	34 42	106 120 31 39 36 27 34 33 203
100 to 149 days	23 14	36 18	36 33	37 40	33 28	28 21	34 34	36 27
150 to 199 days	22 30	25 33	31 20	46 38	30 28	42 27	38 36	34 33
200 days or more1987 1982	137 130	188 209	244 249	250 278	233 195	212 145	246 253	203 211
Not reported	47 76	59 101	65 105	88 104	72 113	74 113	54 84	77 123
Operators by years on present farm: 2 years or less1987	35	54	60	57	55	54	59	45
3 or 4 years1987	39 30	57 52	82 52	47 65	64 45	54 58	72 54	63 65 82
5 to 9 years1982	57 82	91 115	96 157	96 113	75 139	85 126	97 148	133
1982 10 years or more	112 462	150 606	162 634	159 598	185 653	159 696 729	194 677 668	188 630 650
1982 Average years on present farm1987 1982	436 21.0 19.7	598 20.7 19.4	641 18.7 17.4	589 20.1 18.6	670 19.4 19.3	20.2 18.7	20.2 17.9	20.4 18.6
Not reported	110	121 158	134 154	127 214	134 164	118 149	127	151 209
.00231	,					_		

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols,	see introductory text]			· · ·					
Characteristics		Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jefferson
FARMS						/			
Land in farms	farms 1987	893	938	754	787	1 057	1 354	1 465	775
Land III Iainis	1982 acres, 1987	963 231 617	1 055 269 285	848 275 393	874 260 103	1 150 329 705	1 422 345 612	1 589 427 196	775 894 234 816
Harvested cropland	1982	239 403	278 861 856	275 422 706	259 876 687	361 465 947	347 358 1 160	447 362 1 240	247 992 685
narvotto o opiano	1982 acres, 1987 1982	867 138 792 170 664	959 178 288 217 734	793 214 069 244 570	772 178 524 201 685	1 036 203 549 238 744	1 238 164 703 193 184	1 403 276 515 324 626	247 992 685 782 139 238 159 843
TENURE OF OPERATOR									
Full owners	farms, 1987	463	501	230	267	528	779	690	440
	1982 acres, 1987	474 72 938	590 92 186	280 42 150	347 52 928	573 105 337	851 140 709	720 99 614	482
Harvested cropland	1982 farms, 1987	69 690 359	105 149 424	56 691 188	72 904 197	132 060 433	152 319 610	112 372 503	82 201 85 892 365 390
	1982 acres, 1987 1982	398 34 934 43 306	499 55 517 78 036	228 32 605 46 890	272 32 498 52 847	484 58 253 75 554	691 61 476 79 571	572 57 944 76 749	390 40 680 47 622
Part owners	farms, 1987 1982	286 342	300 309	298	296 291	343 364	376 359	490	246
	acres, 1987 1982	124 904 137 990	137 592 134 760	312 149 753 141 370	144 232 126 520	177 044 178 039	155 425 146 937	534 241 084 244 915	278 126 689 128 468
Owned land in farms		51 389 64 462	64 033 67 322	50 447 52 787	54 810 57 034	76 681 83 758	80 745 82 759	96 033 104 223	58 328 62 114
Rentad land in farms		73 515 73 528	73 559 67 438	99 306 88 583	89 622 69 486	100 363 94 281	74 680 64 178	145 051 140 692	68 361 66 354
Harvested cropland	farms, 1987 1982	279 333	299 306	294 312	292 287	341 356	363 351	474 520	244 273
	acres, 1987 1982	80 444 101 342	93 832 108 052	115 910 126 527	100 604 100 563	114 491 125 222	75 860 85 219	160 156 180 569	82 132 88 960
Tenants	farms, 1987 1982	144 147	137 156	226 256	224 236	188 213	199 212	285 335	89 134
	acres, 1987 1982	33 775 31 723	39 507 38 952	83 490 77 361	62 943 80 252	47 324 51 366	49 478 48 102	86 498 90 075	25 926 33 632
Harvested cropland		133	133 154	224 253	188 213	173 196	187 196	263 311	76 119
	acres, 1987 1982	23 414 26 016	28 939 31 646	65 554 71 153	43 422 48 275	30 805 35 968	27 367 28 394	58 415 67 308	16 424 23 261
OPERATOR CHARACTERISTICS Operators by place of residence:									
On farm operated	1982	640 737	728 837	530 622	563 822	796 890	1 068 1 110	1 109 1 203	567 675
Not on farm operated Not reported	1982	196 150 57	168 138	173 154 51	165 157 59	202 169 59	207 195 79	292 237 64	567 675 153 148 55 71
Not reported	1982	76	42 80	72	95	91	117	149	71
Operators by pnncipal occupation: Farming	1987	569	733	587	612	796	909	985	524
Other	1982	661 324	847 205	684 167	719 175	861 261	1 030 445	1 157 480	591 251
	1982	302	208	164	155	289	392	432	303
Operators by days of work off farm: None		366	494	374	434	554	670	675	351
Any	1982 1987 1982	435 460 445	590 381 375	410 307 368	453 309 307	582 435 473	668 608 645	754 700 697	363 375 470
1 to 49 days		73	95	69	67	88	90	139	74
50 to 99 days		83 34	91 26	119 38	113 38	110 30	151 25 47	187 59	94 21
100 to 149 days	1982 1987 1982	27 24 40	42 45 35 24	38 55 25 27	29 19	31 35 30	47 45 49	38 38 48	94 21 35 24 24 31
150 to 199 days		47 36	24 42	17 14	24 25 16	35 32	62 72	36 38	31 40
200 days or more		282 259	191 165	158 153	160 125	247 270	386 326	428 386	225 277
Not reported	1987 1982	67 83	63 90	73 70	44 114	68 95	76 109	90 138	49 61
Operators by years on present farm:	4007	20			50	40	440		37
2 years or less3 or 4 years	1982	29 31 60	55 52 45	31 44 27	56 48 63	48 64 48	110 99 64	68 90 69	48
5 to 9 years	1982	78 107	79 122	54 108	88 106	98 135	138 196	106 198	31 72 83
10 years or more	1982	156 566	170 594	122 491	123	164 687	226 791	216 931	148 510
Average years on present farm	1982	563 20.4	603 20.2	492 20.3	444 17.8	664 20.7	732 18.4	908 20.5	461 21.2
	1982	19.0	18.0	19.3	17.4	18.9	16.4	18.5	17.6
Not reported	1987 1982	131 135	122 151	97 136	117 171	139 160	193 227	199 269	114 165

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]	T						1	
Charactaristics	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS								
Land in farmsfarms, 1987	1 356	1 161	1 036	1 718	989	1 690	634	690
	1 508	1 307	1 193	1 885	1 060	1 810	699	769
acres, 1987	305 634	322 206	343 164	599 153	266 090	356 000	198 855	206 519
1982	328 240	336 524	350 693	611 480	266 741	368 525	208 670	219 497
Harvested croplandfarms, 1987	1 178	1 023	892	1 601	882	1 502	571	568
1982	1 329	1 176	1 065	1 760	939	1 614	630	856
acres, 1987	198 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
1982	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 817
TENURE OF OPERATOR	201 002	255 147	220 000	30, 300	107 000	250 101	101.010	
TENURE OF OPERATOR								
Full ownersfarms, 1987	732	595	510	502	578	955	282	419
1982	803	665	581	592	601	1 019	304	484
acres, 1987	92 289	104 854	99 430	93 344	91 635	104 956	50 896	76 788
Harvested croplandfarms, 1982	106 282	122 214	116 033	128 967	99 954	117 246	57 599	95 404
	573	478	386	401	482	797	231	317
1982 ecres, 1987 1982	655 52 515 71 320	560 57 303 77 379	471 48 479 68 074	482 69 118 108 430	500 40 924 53 911	849 62 940 82 321	248 30 258 38 183	317 393 23 286 35 743
Part ownersfarms, 1987	402	346	372	704	318	478	235	189
	459	372	395	714	328	503	251	219
acres, 1987	163 775	161 199	200 960	357 463	152 661	192 614	114 853	104 864
1982	172 460	154 456	178 681	328 752	141 734	187 740	110 640	104 206
Owned land in farmsacres, 1987	73 858	81 666	98 147	133 624	75 051	84 684	52 003	53 122
1982	81 148	80 102	88 758	125 210	74 209	90 799	50 014	57 933
Rented land in farmsecres, 1987	89 917	79 533	102 813	223 839	77 610	107 930	62 850	51 742
1982	91 312	74 354	89 923	203 542	67 525	96 941	60 626	46 273
Harvested croplandferms, 1987	397	342	364	700	314	466	229	184
1982	451	367	388	712	319	490	245	210
acres, 1987	112 771	100 757	120 923	274 813	94 342	137 322	77 634	44 501
1982	129 716	111 446	121 336	290 929	95 729	149 797	86 175	48 967
Tenantsfarms, 1987	222	220	154	512	93	257	117	82
1982	246	270	217	579	131	288	144	66
acres, 1987	49 570	56 153 59 854	42 774	148 346	21 794	58 430	33 106	24 867
1982	49 498		55 979	153 761	25 053	63 539	40 431	19 887
Harvasted croplandfarms, 1987	208	203 1	142	500	86	239	111	67
1982	223	249	206	566	120	275	137	53
acres, 1987	33 685	36 922	29 053	115 116	14 668	42 417	22 913	9 926
1982	36 866	44 322	40 499	138 180	17 860	54 079	30 487	9 9 07
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated1987	1 027	895	775	1 297	765	1 300	466	526
1982	1 162	1 013	847	1 414	798	1 422	521	600
Not on farm operated	243	221	177	340	172	318	123	128
Not reported	225	200	215	306	164	255	113	100
	86	45	84	81	52	72	45	36
	121	94	131	165	98	133	65	69
Operators by principal occupation:							400	404
Farming	887 1 015	843 967	755 909	1 409 1 607	565 625	979 1 044	462 517	421 463 269
Other	469 493	318 340	281 284	278	435	711 766	182	306
Operators by days of work off farm: None	607	611	547	912	422	683	314	292 309
1982 Any 1987	652 678	661 486	602 393	1 019 687	448 513	711 906	351 267	309 344 384
1982 1 to 49 days1987	725 115	548 87	448 79	667 202	548 59	979	283	51
1982_	158	146	113	262	81	136	61	56
50 to 99 days1987	45	46	36	76	21	57	23	15
1982_	34	32	39	64	24	59	24	17
100 to 149 days1987	39	26	21	71		59	17	25
1982	35	29	30	43	36	55	16	2 9
150 to 199 days1987	55	39	38	67	42	55	26	27
1982 200 days or more	54 424 444	39 288 302	33 219 233	55 271 243	31 357 376	65 615 664	27 146 155	56 15 17 25 29 27 38 226 244
Not reported	71	64	96	119	54	101	53	54
	131	98	143	199	64	120	65	76
Operators by years on present farm:								
2 years or less1987 1982	62 57	63 78	52 72	79 74	30 43	92 100	28 43	28 37 36 67 68 122 458 415
3 or 4 years	73 122	64 132	46 75	81 143	45 76	101 142	26 55 79	36 67
5 to 9 yeers	163 249 870	144 196 765	115 192 657	213 282 1 133	139 155 636	215 298 1 066	97 97 398	122 458
10 years or more1987 1982 Average years on present ferm1987	828 20.4	726 19.6	646 20.6	1 133 1 080 20.0	596 21.3	1 005	386 20.8	20.9
1982.	18.8	17.2	18.2	18.2	18.8	17.5	18.5	18.0
Not reported1987 1982	188	125	166	212	139	216	103	100
	252	175	208	306	190	265	118	128

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

I of friedring of abbreviations and symbols, so	co introductory text	ı						100	
Characteristics		Lyon	Madison	Mahaaka	Marion	Marshall	Mills	Mitchell	Monona
FARMS									
Land in farms		1 234	1 059	1 193	1 131	1 073	641	939	854
	1982 acres, 1987	1 391 342 938	1 154 293 643	1 265 328 093	1 231 278 315	1 201 330 012	245 380	1 011 270 582	933 377 030
Harvested cropland		357 493 1 078	313 648 904	336 033 1 052	292 414 872	337 775 929	254 238 577	273 000 818	378 621
·	1982 acres, 1987	1 239 249 352	993 137 088	1 122 211 100	1 068 154 503	1 060 217 817	623 169 179	913 192 403	783 859 242 081
	1982	294 295	162 609	237 089	170 985	265 098	194 842	226 560	282 767
TENURE OF OPERATOR									
Full owners	farms 1987	411	617	592	615	466	292	438	347
	1982 acres, 1987	512 61 300	610 87 061	593 96 197	659 89 678	523 68 742	302 53 401	470 89 381	334 73 600
Harvested cropland	1982	86 798 278	88 173 488	97 531 466	88 392 501	81 666 349	66 765 237	86 594 328	82 295
Harvested Cropiand	1982	391	486	477	518	424	253	381	276 276
	acres, 1987 1982	40 394 68 595	34 684 39 846	54 216 65 271	41 720 44 672	37 262 60 132	34 577 43 523	46 123 67 663	334 73 600 82 295 280 276 39 828 54 198
Part owners	farms, 1987	493	310	381	333	384	215	330	
	1982 ecres, 1987	504 195 288	363 164 311	427 166 930	390 145 031	403 198 857	231 135 958	338 157 819	282 336 201 168
Owned land in farms	1982	189 814 70 592	179 390 77 044	174 811 74 859	153 779 65 613	188 868 70 399	133 123 47 547	139 131 66 163	208 761 63 478
Rented lend in farms	1982	76 941 124 696	89 744 87 267	84 502 92 071	72 832	79 233 128 458	45 024	67 672	84 073 137 690
Hented lend in Tarms	1982	112 873	89 646	90 309	78 418 80 847	109 635	88 411 88 099	91 656 71 458	124 688
Harvested cropland	farms, 1987 1982	487 496	301 351	375 420	318 381	380 394	209 225	328 337	282 334
	acres, 1987 1982	144 715 158 297	79 182 95 078	110 875 125 799	83 306 91 714	137 048 151 804	94 274 105 827	114 962 117 829	130 889 157 858
Tenants	1982	330 375	132 181	220 245	183 182	223 275	134 151	171	225 263 102 262 87 565
	acres, 1987 1982	86 350 80 881	42 271 46 085	64 966 63 891	44 608 50 243	62 413 67 241	56 021 54 350	43 382 47 275	102 262 87 565
Harvested cropland	farms, 1987 1982	313 352	115 156	211 225	153 170	200 242	131 145	162 195	221 248
	acres, 1987 1982	64 243 67 403	23 222 27 685	46 009 46 019	29 477 34 599	43 507 53 162	40 328 45 492	31 318 41 068	71 364 70 611
OPERATOR CHARACTERISTICS									
Operators by place of residence: On farm operated	1987	946	747	903	843	811	458	713	554
Not on farm operated	1982	1 053 200	826 244	963 199	918 203	915 207	506 135	769 172	554 615 249 242
Not reported	1982	178 88	237 68	183 81	194 85	198 55	108 48	144 54	242 51 76
Operators by principal occupation:	1982	160	91	119	119	88	70	98	76
Farming		1 000	615	881	672	763 833	469 505	676 805	655 759
Other	1987	1 166 234 225	682 444	1 006 312	772 459	310	172	263	199
	1982	225	472	259	459	368	179	206	174
Operators by days of work off farm: None		692	423	568 645	483	529	320	471	428
Any		746 458	442 568	512	527 592	513 482	325 272	519 417	484 363
	1982	495	632	465	598	586	278	379	351
1 to 49 days	1987	121 207	92 117	117 133	85 98	110 158	59 69	107 115	105 125
50 to 99 days		43 38	32 40	46 47	98 27 30 36 30	158 36 24	15 16	37 33	105 125 39 34 18 28 43
100 to 149 days		29 29	32 37	33 24 43	36	29 34	25 18	21 26	18
150 to 199 days	1987	49	48	43	51	44	12	38	43
200 days or more		28 216	48 364	32 273	45 393	42 263	20 161	38 214	158
	1982	193	390	229	395	328	154	167	135
Not reported	1987 1982	84 150	68 80	113 155	56 106	62 102	49 81	51 113	63 98
Operators by years on present farm:									
2 years or less	1982	68 111	61 71	68 55	68 74	56 60	21 45	50 56	47 60
3 or 4 years	1987	78 119	64 109	49 117	86 88	54 101	40 51	45 93	56 47
5 to 9 years		161 176	147 219	154 175	134 199	137 154	88 105	143 164	60 56 47 90 136 537
10 years or more		736 702	646 586	766 720	683 648	689 727	392 365	564 523	537 538
Average years on present farm	1987	18.7	18.7	20.4	19.7	20.8	20.0	19.0	20.7 18.4
Alex seconded	1982	16.6	16.6	18.5	17.8	18.9	17.6	17.4	
Not reported	1987	191 283	141 169	156 198	180 222	137 159	100 118	137 175	124 152

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meening of abbreviations and symbols,	see introductory text]								
Cheracteristics		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARMS								, , , , , , , , , , , , , , , , , , , ,	
Land in ferms	ferme 1987	736	701	901	1 232	731	1 015	934	1 740
Land in ferris	1982 acres, 1987	761 225 145	769 247 891	1 005 233 026	1 337 362 209	833 230 671	1 057 337 772	1 015 343 857	1 874 521 469
Hopposted aronized	1982	222 200	253 540	238 127 801	362 863 1 104	246 057	333 108 908	345 327 867	518 018
Harvested croplend	1982	634 667	627 689	899	1 200	676 758	961	956	1 545 1 691
	acres, 1987 1982	75 582 87 094	160 388 181 743	153 624 176 723	269 638 311 705	178 191 213 158	202 414 221 793	251 951 300 211	359 863 409 614
TENURE OF OPERATOR									
Full owners		488	330	423	380	194	496	302	658
	1982 acres, 1987	491 102 704	348 63 834	493 60 521	442 51 793	258 27 502	473 87 944	322 60 651	711 113 862
Harvestad cropland		110 876 397	67 983 270	77 780 339	72 213 276	48 476 147	91 886 404	68 425 245	133 872 493
	1982 acres, 1987 1982	410 29 574 37 326	278 37 425 44 387	408 35 246 50 405	322 36 571 59 313	190 20 666 41 282	393 46 969 57 201	275 42 113 58 445	493 558 66 729 97 228
Part owners		184	226	309	508	332	349	359	665
	1982 acres, 1987 1982	210 103 297 99 970	255 128 503 130 295	319 129 656 119 351	554 220 083 210 826	347 150 303 144 101	368 184 582 177 095	395 189 867 188 902	688 293 119 273 998
Owned land in farms		59 758 57 574	53 207 59 449	56 041 57 873	79 665 79 990	49 252 54 843	81 222 76 824	68 058 72 870	114 172 114 422
Rented land in farms	acres, 1987 1982	43 539 42 396	75 296 70 846	73 615 61 478	140 418 130 836	101 051 89 258	103 360 100 271	121 809 116 032	178 947 159 576
Harvastad cropland	farms, 1987	182	223	302	506	329	342	357	658
	1982 acras, 1987 1982	203 38 563 44 159	249 84 335 94 560	313 87 954 92 330	544 164 086 183 313	346 116 258 124 588	362 115 030 120 065	138 816 163 973	679 208 532 222 749
Tenants		64	145	169	344	205	170	273	417
	1982 acres, 1987	19 144	166 55 554	193 42 849	90 333 70 834	52 866 52 480	216 65 246	93 339	475 114 488
Harvested cropland		11 354 55	55 262 134	40 996 160	79 824 322	53 480 200	64 127 162	88 000 265	110 148 394
	1982 acres, 1987 1982	54 7 445 5 609	162 38 628 42 796	178 30 424 33 988	334 68 981 69 079	222 41 267 47 288	206 40 415 44 527	289 71 022 77 793	454 84 602 89 637
OPERATOR CHARACTERISTICS Operators by placa of residence:									
On ferm operated	1987	521 583	510 576	689 753	920 1 026	579 631	730 788	664 749	1 358 1 428
Not on farm operated		150 105	156 122	169 158	239 200	117 132	230 184	206 183	272 247
Not reported		65 73	35 71	43 94	73 111	35 70	55 85	64 83	110 199
Operators by principal occupation:	1987	427	529	546	977	581	699	729	1 320
Other	1982	457 309	599 172	651 355	1 121 255	709 150	790 316	867 205	1 507 420
	1982	304	170	354	216	124	267	148	367
Operators by days of work off farm: None		328 295	349 376	366 448	645 719	389 453	460 508	485 547	900 1 034
Any	1982 1987 1982	344 397	302 303	480 472	498 494	294 297	494 452	381 358	706 633
1 to 49 days		33	83	56	146	78	104	115	167
50 to 99 days		56 21	113 23	77 33	192 61	104	133 34	153 58 37	191 50 57 47 27 72 36 370
100 to 149 days	1982 1987 1982	32 28 22	29 24 19	22 19 27	46 42 37	31 26 29	35 38 24	25 27	47 27
150 to 199 days	1987 1982	24 24 24	28 19	35 35	33 28	31 22	46 23	22 26	72
200 deys or mora	1987 1982	238 263	144 123	337 311	216 191	128 111	272 237	161 115	370 322
Not reported	1987 1982	64 69	50 90	55 85	89 124	48 83	61 97	68 110	134 207
Operators by years on present farm:	1097	47	41	46	70	37	35	53	98
2 years or less	1982	39 39	29 21	49 56	79 79 69	71 49	62 66	52 42	95 103
5 to 9 years	1982	56 70	65 94	74 122	98 172	61	60 119	70 140	139 225
10 years or more	1982	104 445	121 469	161 563	199 765	135 426	168 669	150 583	302 1 056
Average years on present farm	1982	425 20.9	434 20.6	543 19.1	767 19.6	427 17.5	621 20.9	592 19.8	964 18.7
Not reported	1982	18.5 135	18.7 76	18.1 114	18.4 156	16.7	19.2 126	18.8	17.5 258
· · · · · · · · · · · · · · · · · · ·	1982	137	120	178	194	139	146	151	258 374

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory ter	(t)		1		1			
Characteristics	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgald	Sac	Scott	Shelby
FARMS								
Land in farmsfarms, 1987		1 001 1 110	1 652 1 828	1 047 1 152	701 776	1 035 1 146	973 1 097	1 177 1 317
acres, 1987	. 349 376	238 256	543 881	335 448	285 258	359 677	230 461	351 387
1982 Hervested croplandfarms, 1987	. 929	247 261 841	555 348 1 429	355 718 904	313 971 592	359 157 945	239 166 862	356 831 1 035
1982 acres, 1987 1982	. 265 872	960 169 388 195 910	1 617 379 836 432 730	1 029 211 734 252 702	702 119 721 158 664	1 044 258 981 301 639	971 166 611 201 814	1 185 244 802 283 975
TENURE OF OPERATOR								
Full ownersfarms, 1987		599	713	472	397	364	422	432
1982 acres, 1987	. 46 288	585 51 758	821 105 635	527 78 426	400 99 026	408 59 748	467 46 776	553 66 329
1982 Harvested croplandfarms, 1987	. 225	53 745 455	132 723 521	97 000 355	115 946 304	88 721 282	59 190 320	105 750 313
1982. acres, 1987 1982	. 34 046	460 30 396 35 150	641 66 733 92 807	427 43 985 62 725	346 38 282 55 167	327 43 140 71 439	360 30 422 45 815	447 42 816 78 921
Part ownersfarms, 1987	390	264	552	350	196	378	357	407
1982 acres, 1987	. 199 346	329 143 867	571 304 708	383 189 876	253 145 896	400 202 932	382 140 753	386 191 417
1982 Owned land in farmsacres, 1987	. 205 621 59 374	145 626 41 449	286 418 109 010	200 225 81 794	155 172 66 769	181 707 78 612	135 621 59 188	161 466 79 779
1982 Ranted land in farms	71 099 139 972	48 935 102 418 96 691	112 682 195 698 173 736	93 336 108 082 106 889	75 429 79 127 79 743	70 588 124 320 111 119	64 980 81 565 70 641	77 069 111 638 84 397
Harvested croplandfarms, 1987		258	539	341	192	377	353	401
. 1982 acres, 1987 1982	. 466 152 065	320 107 075 119 973	555 214 865 228 307	382 123 212 145 865	247 63 954 80 127	400 142 770 154 206	376 104 209 117 040	379 133 078 129 793
Tenantsfarms, 1987	322	138	387	225	108	293	194	338
1982_ acres, 1987_	. 356	196 42 631	436 133 538	242 67 146	123 40 336	338 96 997	248 42 932	378 93 64 1
1982. Harvested croplandfarms, 1987.	. 100 496	47 890 128	136 207 369	58 493 208	42 853 96	88 729 286	44 355 189	89 615 321
1982 ecres, 1987	. 350	180 31 917	421 98 238	220 44 537	109 17 485	317 73 071	235 31 980	359 68 708
Operators by place of residence: 1987. On farm operated 1982. Not on farm operated 1987. 1987. 1982. 1987. 1987.	229	703 801 223 210	1 207 1 384 343 286	780 889 218	513 576 136 131	740 861 236 187	749 845 167 162	874 961 224 235 79
Not reported	. 41	75 99	102 158	49 82	52 69	59 98	57 90	79 121
Operators by principal occupation: Farming	796	520	1 146	764	523	828	636	920
1982. Other1987.	. 929	620 481	1 298 506	905 283	598 178	946 207	764 337	1 097 257
1982	. 176	490	530	247	178	200	333	220
Operators by days of work off farm: None	. 503	350	832	529	364	568	428	623
1982_ Any	. 401	392 579 617	917 724 766	604 454 441	393 270 292	603 375 385	490 475 508	683 470 478
1 to 49 days1987_	. 121	77	136	103	64	105	74	142
1982_ 50 to 99 days1987_	. 166	98 33	173 65	160 26	87 16	141 34	94 21	166 34
1982_ 100 to 149 days1987_	. 43	43 39	45 58	22 23 21	22 11	24 30	26 41	47 43
1982_ 150 to 199 days1987_	_ 20	33 47	47 54	21 39	14 29	28 24	37 32	42 29
1982_ 200 days or more1987_	_ 31 _ 149	43 383	68 411	30 263	19 150	34 182	50 307 301	142 166 34 47 43 42 29 30 222 193
1982_ Not reported1987_ 1987_ 1982_	. 83	400 72 101	96 145	208 64 107	150 67 91	158 92 158	70 99	84 156
Operators by years on present farm:								
	_ 46	42	83	82	39 45	57 65	43 58	6 8 74
2 years or less1987_ 1982_	_ 51	63	94	69	721	27.1		
2 years or less	51 44 91	63 62 87	116 130	64 75	27 47	54 95	57 98	71 112
2 years or less	51 - 44 - 91 - 136 - 172	63 62 87 131 175	116 130 234 275	64 75 135 159	27 47 68 121	54 95 142 164	98 150 157	112 186 195
2 years or less	51 44 91 136 172 638 608	63 62 87 131 175 603 584	116 130 234 275 1 000 1 035	64 75 135 159 629 680	27 47 68 121 459 435	54 95 142 164 638 628	98 150 157 571 614	112 186 195 692 710
2 years or less	51 44 91 136 172 638 608	63 62 87 131 175 603	116 130 234 275 1 000	64 75 135 159 629	27 47 68 121 459	54 95 142 164 638	98 150 157 571	112 186 195 692

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text	J			T ~~	·			
Cheracteristics	Sioux	Story	Tame	Taylor	Union	Van Buren	Wapello	Warren
FARMS								
Land in farms	2 015 2 100 472 363	1 138 1 248 327 081	1 404 1 508 417 178	774 890 291 057	693 772 233 595	783 883 244 939	899 959 211 685	1 310 1 394 303 783
acres, 1987 1982 Harvested croplandfarms, 1987 1982 acres, 1987 1982	469 990 1 667 1 816 352 858 406 510	338 392 1 001 1 113 242 426 289 259	419 586 1 238 1 350 274 884 309 403	292 301 690 800 141 043 165 144	235 561 597 683 101 216 121 953	270 672 699 801 108 140 132 063	222 717 788 862 116 921 131 029	320 840 1 104 1 188 155 858 181 270
TENURE OF OPERATOR								
Full ownersfarms, 1987	779 835 86 605	478 521 52 204	606 638 95 546	383 456 101 405	403 437 85 466	480 517 94 128	581 576 75 524	838 881 111 745
acres, 1987 1982 Harvested cropland farms, 1987 1982 acres, 1987 1982	123 046 472 597 59 363 100 701	63 267 366 415 34 541 51 178	104 095 470 508 52 146 67 711	103 606 322 381 42 163 54 382	92 851 324 362 31 661 43 004	105 278 407 443 33 755 40 651	80 890 480 487 30 731 37 676	113 444 677 704 48 707 53 608
Part ownersfarms, 1987	812 815 290 584	407 446 202 959	507 540 242 399	266 281 148 571	205 239 117 992	227 276 129 970	225 295 103 488	322 351 147 982
1982 Owned land in farmsacres, 1987 1982	259 361 106 469 108 016	203 435 65 046 72 691	234 886 96 476 105 218	143 356 68 908 67 691	116 440 59 346 56 935	142 324 65 130 78 501	118 743 48 195 58 027	162 922 68 738 74 788
Rented land in farmsacres, 1987 1982	184 115 151 345	137 913 130 744	145 923 129 668	79 663 75 665	58 646 59 505	64 840 63 823	55 293 60 716	79 244 88 134
Harvested cropland	804 812 221 605 229 232	402 439 153 083 175 452	501 528 165 692 178 628	257 275 75 463 84 255	198 229 53 648 62 701	226 274 63 087 76 834	220 294 64 283 75 268	305 342 80 191 99 431
Tenantsfarms, 1987	424 450	253 281	291 330	125 153	85 96	76 90	93 88	150 162
acres, 1987 1982 Harvested cropland	95 174 87 583 391 407 71 890 76 577	71 918 71 690 233 259 54 802 62 629	79 233 80 605 267 314 57 046 63 064	41 081 45 339 111 144 23 417 26 507	30 137 26 270 75 92 15 907 16 248	20 841 23 070 66 84 11 298 14 578	32 673 23 084 88 81 21 907 18 085	44 056 44 474 122 142 26 960 28 231
OPERATOR CHARACTERISTICS					i			
Operators by place of residence: 1987.	1 509 1 546	789 878	1 078 1 163	554 666	541 590	580 660	709 752	985 1 051
1982_ Not on farm operated1987 1982_	343 277	285 267	261 227	184 156	115 122	161 146	142	249 216
Not reported	163 277	64 103	65 118	36 68	37 60	42 77		76 127
Operators by principal occupation: 1987	1 490	727	1 022	556	436	478		635
Other	1 685 525 415	824 411 424	1 177 382 331	668 218 222	257	610 305 273	414	711 675 683
Operators by days of work off farm: None	986	505	690	369		336	368	466 474
Any1982 1987 1982_	1 008 873 845	539 554 599	741 629 622	413 341 368	353	377 404 414		778 833
1 to 49 days19871982	189 270	95 125	134 178	67 100	61 88	53 89	47 59	86 108
50 to 99 days	75 63	26 32	54 45	22 27	21 23	32 31	18 25 32	108 29 40 45 43 66 70
100 to 149 days 1987 1982	62 62	28 24	57 45	22 23	26 20	40 31	1 20	45 43
150 to 199 days	71 53	38 39	42 37	27 27	43 29	42 42		66 70
200 days or more1987 1982	476 397	367 379	342 317	203 191	202 235	237 221	353 361	552 572
Not reported1987 1982	156 247	79 110	85 145	64 109	49 58	43 92	53 91	66 87
Operators by years on present farm: 2 years or less19871982	131 112	66 62	69 70	59 56	27 45	43 40	49	81 95
3 or 4 years	129	67 101	90 122	41 92	44 63	40	45 62	95 60 118
5 to 9 years	243 317	143 221	164 246	109 167		91 156	108	160 240 834
10 years or more1982	1 176 1 086	720 687	910 843	460 445	449 407	522 470	566 550] 711
Average years on present farm1987 1982	18.7 17.9	19.2 17.7	20.3 19.0	19.9 16.9	20.9	20.4 17.8	20.0 17.9	18.9 16.4
Not reported1987 1982	336 438	142 177	171 227	105 130	89 120	87 137	131 163	175 230

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For maaning of abbraviations and symbols, sae introductory tax	d] 	· · · · · · · · · · · · · · · · · · ·						
Charactaristics	Washington	Wayna	Wabstar	Winnebago	Winnashiak	Woodbury	Worth	Wright
FARMS								
Land in farmsfarms, 1987 1982 acras, 1987_		743 824 281 269	1 235 1 357 416 623	742 847 242 430	1 633 1 724	1 360 1 579	667 798	882 1 009
Harvasted cropland	337 850 1 024 1 098 206 315 247 227	290 174 630 731 114 904 152 831	419 632 1 140 1 251 312 048 363 632	246 550 686 774 177 414 211 136	377 025 400 613 1 422 1 562 219 642 262 028	451 759 478 624 1 162 1 377 278 373 359 752	221 678 234 314 592 714 157 665 199 142	344 010 360 468 832 950 260 638 319 992
TENURE OF OPERATOR								
Full ownersfarms, 1987	85 525	405 461 101 381	448 455 70 094	249 328 41 318	928 917 162 657	609 732 104 409	260 303 40 434	268 288 49 295 52 045
1982 Harvested croplandfarms, 1987 1982 acras, 1987 1982	407	117 836 316 380 33 779 58 226	65 294 368 370 45 142 51 223	55 698 201 266 27 881 45 396	157 537 739 772 85 090 96 305	134 614 453 577 55 718 89 698	45 530 196 229 25 022 35 391	52 045 226 236 35 554 45 678
Part ownersfarms, 1987farms, 1982	392 411	244 259	451 555	314 319	424 518	449 490	283 316	378 437
acras, 1987 1982 Ownad land in farmsacras, 1987	174 959 182 166 84 550	139 528 133 075 66 684	230 002 249 998 64 399	155 672 144 789 55 722	155 188 182 042 85 427	249 818 242 459 100 917	141 502 147 567 57 537	214 455 219 570 73 940
1982 Rantad land in farmsacras, 1987 1982	88 546 90 409 93 620	65 134 72 844 67 941	87 327 165 603 162 671	61 114 99 950 83 675	106 792 69 761 75 250	105 091 148 901 137 368	63 041 83 965 84 526	81 071 140 515 138 499
Harvested croplandfarms, 1987_ 1982_ acras, 1987_ 1982_	388 401 115 101 134 280	232 257 61 554 72 632	442 546 175 439 219 080	313 319 115 319 124 669	415 510 96 426 123 353	441 474 155 164 187 923	281 313 103 228 127 261	375 437 163 231 195 052
Tanantsfarms, 1987	251 241	94 104	336	179	281	302	124	236
acras, 1987 1982 Harvasted croplandfarms, 1987	61 020 55 590 229	40 360 39 263 82	347 116 527 104 340 330	45 440 46 063 172	289 59 180 61 034 268	357 97 532 101 551 268	179 39 742 41 217	284 80 260 88 853
1982_ acres, 1987_ 1982_	223 42 221 44 743	94 19 571 21 973	935 91 467 93 329	189 34 214 41 071	280 280 38 126 42 370	326 67 491 82 131	115 172 29 415 36 490	231 277 61 853 79 262
OPERATOR CHARACTERISTICS								
Operators by place of rasidence: On farm operated	873	527	834	560	1 310	996	526	640
1982 Not on farm operated	973 223	616 160	990 329	613 143	1 375 223	1 128 280	599 108	640 759 196 183
Not raported1987 1982	171 62 94	137 56 71	267 72 100	141 39 93	209 100 140	297 84 154	136 33 63	183 46 67
Operators by principal occupation: Farming1987	872	540	902	582	1 265	942	519	701
1982 Other	921 286 317	629 203 195	1 072 333 285	682 160 165	1 394 368 330	1 124 418 455	620 148 178	821 181 188
Operators by days of work off farm: Nona	594	324	590	386	939	665	338	454
1982 Any1982	612 470 513	398 328 316	658 545 558	418 304 325	925 586 618	710 607 701	381 276 338	530 382 393
1 to 49 days1987	90	84	129	73	125	116	68	130
1982 50 to 99 days1982	151 34 25	81 19 24	171 57 40	104 30	196 43 48	162 48 50	125 25	149 47
100 to 149 days	36 33	26 25	54 57	26 34 25	41 44	49 38	25 25 25 18	39 31 24
150 to 199 days	44 32	24 15	37 43	25 26 26	65 55	55 50	21 22	24 29 20
200 days or mora 1987 1982	266 272	175 171	268 247	141 144	312 275	339 401	137 148	145 161
Not raported	94 113	91 110	100 141	52 104	108 181	88 168	53 79	46 86
Operators by years on present farm: 2 years or less 1987	64	24	55 77	35 54	87	67	43	52
982	77 80	63 46	95	38	111 82	107 95	36 22	52 38 39 65
5 to 9 years	74 164 213	68 82 122	101 150 193	47 103 163	135 244 280	140 174 267	47 62 140	65 91 144
10 years or mora	691 685	455 430	768 781	473 422	995 900	836 789	465 461	601 620
Avarage years on prasent farm1987 1982	18.8 17.8	21.3 17.5	19.4 18.7	20.2 18.0	19.9 17.4	19.5 16.6	21.2 18.3	21.9 19.9
Not raported19871982	159 189	136 141	167 205	93 161 i	225 298	188 276	75 114	99 142

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Characteristics		lowa	Adeir	Adems	Allemekee	Appanoose	Audubon	Benton
OPERATOR CHARACTERISTICS—Con.							1	
Operators by ege group: Under 25 years	1987	2 852	25	19	10	12	30	48
25 to 34 years	1982 1987 1982	5 602 17 458 20 346	25 65 154 171	47 99 97	43 207 217	22 103 139	63 164 167	48 78 257 262
35 to 44 years	1987 1982	21 282 22 548	188 191	112 143	238 230	128 159	184 172	307 355
45 to 54 years	1982	21 744 26 104	195 236	120 147	223 270	172 179	174 207	321 370
55 to 64 years	1982	25 287 27 594 12 608	238 258 108	179 184 77	217 264 111	200 249 91	193 203 93	313 347 166
60 to 64 years	1987	12 679	130	102	106	109	100	147
65 years and over	1982	16 557 13 219	170 144	159 119	167 110	276 152	106 93	188 173
65 to 69 years 70 years end over Average ege	1987 1987	7 848 8 709 49.3	79 91 50.2	60 99 52.1	94 73 48.5	126 150 54.7	50 56 47.5	87 101 47.8
Atologo ogo	1982	47.6	48.2	49.2	47.0	50.3	46.5	47.1
Operators by sex: Male	farms, 1987 1982	101 838 112 456	944 1 038	661 721	1 038	836 872	832 890	1 392 1 545
	acres, 1987 1982	31 076 208 32 157 958	349 044 349 013	237 759 250 749	312 834 344 259	233 464 230 752	262 868 281 910	414 260 437 054
Female	ferms, 1987 1982	3 342 2 957	26 27	27 16	24 23	55 28	19 15	42 40
	acres, 1987 1982	561 922 454 006	4 321 6 256	5 848 3 322	8 392 7 497	11 197 5 749	5 569 1 872	5 220 4 756
TYPE OF ORGANIZATION								
Individual or family (sole propnetorship)	farms, 1987 1982	89 188 97 610	816 874	573 646	856 935	782 778	751 807	1 199 1 315
	acres, 1987 1982	25 058 946 25 568 925	284 561 277 695	187 830 209 290	242 400 277 288	202 268 191 720	222 271 225 800	328 942 344 326
Partnership	farms, 1987 1982	11 088 13 213	111 160	95 69	188 181	91 101	85 83	158 194
	acres, 1987 1982	3 802 372 4 393 079	38 722 55 908	42 074 30 736	69 209 64 523	31 751 32 980	39 082 52 364	48 644 57 770
Corporation: Family held		4 094	38	18	10	13	8	67
	1982 acres, 1987 1982	3 725 2 568 304 2 403 988	27 29 666 (D)	19 (D) 13 438	13 7 954 7 907	14 (D) 8 996	10 4 954 3 706	63 (D)
Other than family held		310 385	- (D)	13 436	3 3	1 4	3 3	(D) (D) 2 2 (D) (D)
	acres, 1987 1982	91 558 137 860	(D)	(D)	597 (D)	(D) 1 318	(D) (D)	(D) (D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	500	5	2	5	4	4	8
	1982 acres, 1987	480 116 950	3 416	(D)	1 066	960 1 497	(D)	11 1 030
	1982	108 112	265	(D)	(D)	1 487	(D)	2 651

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Cheracteristics	Black Hewk	Boone	Bremer	Buchenan	Buena Vista	Butler	Calhoun
OPERATOR CHARACTERISTICS — Con.							
Operators by age group: Under 25 years	36	17	39	46	22	53	19
1982_ 25 to 34 years	. 68 . 181	42 155 200	63 208 220	90 245 300	62 208 239	85 218 279	83 175 241
35 to 44 years	. 274	222 218	260 321	305 269	239 234 183	279 258 324	212 185
45 to 54 years19871982	290 325	192 241	259 290	276 294	195 264	277 310	196 285
55 to 64 years	326 327	277 322	233 275	291 310	283 314	307 354	251 279
55 to 59 years	165	135 142	123 110	152 139	153 130	161 146	131 120
65 years and over1987 1982	. 147	166 130	141 118	169 140	155 123	181 115	139 111
65 to 69 years1987 70 years and over1987	79 83	85 81	74 67	91 78	92 63	95 86	69 70
Average age19871982	48.9 47.9	50.0 48.5	47.2 46.4	47.6 45.9	48.6 47.4	48.4 46.0	48.8 48.7
Operators by sex: Male	1 224	1 007	1 106	1 289	1 069	1 266	965
1982 acres, 1987	1 318 300 201	1 131 334 577	1 244 231 301	1 369 331 123	1 160 354 845	1 434 324 275	1 131 338 505
1982		330 810	245 461	331 692	358 052	329 701	345 592
Female	5 315	22 22 2 089 2 329	34 43 3 785 4 941	43 34 6 003 3 810	28 25 3 953 3 068	28 33 3 839 6 299	27 33 3 855 5 781
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms, 1987_ 1982_ acres, 1987_ 1982_	. 224 859	840 973 244 112 254 862	1 014 1 126 200 999 206 112	1 137 1 214 271 009 272 532	909 986 282 863 277 614	1 129 1 296 267 525 274 205	851 1 025 289 783 298 847
Partnership	137 157 29 572 38 352	85 97 27 332 26 590	84 106 16 633 19 362	142 146 38 286 37 654	125 134 43 728 53 432	108 118 28 576 29 969	96 112 32 016 41 997
Corporation: farms, 1987		90 75 59 910 48 448	35 46 (D) 23 732	40 36 25 770 24 531	52 49 (D) (D)	48 44 30 132 29 322	38 18 (D) 8 527
Other than family held farms, 1987_ 1982_ acres, 1987_ 1982_	. 6 . 4 . 1 614	6 4 2 252 1 363	1 4 (D) 19	6 3 (D) 53	2 2 (D) (D)	6 6 1 121 (D)	2 1 (D) (D)
Other—cooperative, estate or trust, institutional, etc. 1987. 1982. acres, 1987. 1982.	. 1 105	8 4 3 060 1 876	6 5 1 072 1 177	7 4 (D) 732	9 14 1 438 3 319	3 3 760 (D)	5 8 1 201 (D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Charactenstics	Cerroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clerke
OPERATOR CHARACTERISTICS— Con.							
Operators by aga group: Under 25 yaars1987	46	45	31	35	24	41	18
1982 25 to 34 years1987 1982	79 293 284	57 152 202	59 194 260	58 165 187	78 218 254	62 222 242	35 84 105
35 to 44 years1987 1982	273 239	190 195	271 277	213 205	217 182	198 229	126 152
45 to 54 yaars1987 1982	245 316	183 225	238 283	182 234	212 274	196 275	141 176
55 to 64 years1982 1982	314 345	197 264	267 312	238 264	286 308	254 268	183 188
55 to 59 years	166 148	87 110	123 144	118 120	138 148	135 119	93 90
65 years and over1987 1982	148 133	175 144	169 132	96 97	134 118	143 104	145 110
65 to 69 years	78	91	76	53	69	55	69
70 years and ovar	70 46.7	84 49.2	93 48.7	47.4	65 48.1	88 47.8	76 51.9
1982	46.7	47.6	46.8	46.9	46.5	46.0	49.0
Oparators by sex:	1 284	920	1 134	908	1 052	1 009	670
Mala farms, 1987 1982	1 357	1 061	1 286	1 025	1 186	1 142	754
acras, 1987 1982	358 446 355 598	329 060 341 956	337 022 343 929	315 410 324 220	330 950 337 750	270 397 285 434	223 803 235 231
Female farms, 1987	35	22	36	21	39	45	27
1982 acres, 1987 1982	39 8 210 7 838	26 4 023 3 770	37 8 461 5 524	20 2 564 3 225	28 7 758 2 844	38 5 819 4 108	12 5 620 1 528
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms, 1987 1982	1 110 1 192	807 919	976 1 086	788 868	927 1 045	909 1 018	630 670
acres, 1987 1982	303 309 298 976	277 168 274 867	259 220 252 120	245 055 249 559	280 255 284 521	229 743 232 310	202 375 189 933
Partnership farms, 1987	131	100	119	75	123	107	48
1982 acres, 1987 1982	133 37 057 36 825	132 37 310 50 958	155 41 713 45 702	113 (D) 39 316	138 38 074 40 136	128 25 598 32 797	78 18 711 37 929
Corporation:							
Family hald farms, 1987 1982	63 56	21 26	71 75	56 48	36 24	27 25	15 12
acras, 1987	(D)	14 871	(D)	36 892	19 828	18 576	(D)
Other than family held farms, 1987	24 916 4	18 975 5	51 095 1	32 865 8	14 878	17 981 3	1
1962 acres, 1987	9 (D)	3 2 166	1 (D)	2 123	4 (D)	1 771	3 (D)
1982	1 819	42	(D)	3 159	498	4 676	1 486
Other—cooperative, astata or trust,		_	3	2	3	8	3
institutional, atc farms, 1987 1982	11 6	9 7	6	9	3	5	3
acras, 1987 1982	1 457 900	1 568 884	757 (D)	(D) 2 546	(D) 561	528 1 778	879 856
10021		204	رب,			1	1

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

45 to 54 years								
OPERATOR CHARACTERISTICS— Cor. Cor. Corestrors by sage group: Under 25 years	Cherecteristics	Ciny	Claudan	Clinton	Considered	Dalla		
Con. Constraint by san group: 1997. 14		Clay	Crayton	Clinton	Crawford	Dallas	Davis	Decatur
Under 25 years								
25 to 34 years	Operators by age group:							
1982 1982		987 14		59	56			9
1987 1987		982 45	82	250				39
1987 1987	25 10 54 76613	982 204	340	278				112
1982. 212 352 354 306 240 166 145	35 to 44 years1	987 178	364		272			135
1882 207 399 387 332 259 209 188 1882 273 368 275 277 278 278 279 278 279 278 279 278 279 27	1	982 212	352	354		240		145
55 to 64 years		987 172	356		289			151
55 to 59 years	55.40.04	982 207	399			259		186
S5 to 59 years	55 to 64 yearsI	987 224				278		
65 years and over 1967. 123 242 164 191 201 193 144 26 65 65 years 1987. 1982. 104 165 136 143 173 174 127 127 127 127 127 127 127 127 127 127	55 to 59 years 1	987 98				135	211	159
65 to 69 years	60 to 64 years1	987 126				143		88
65 to 69 years	65 years and over1	987 123	242	164	191	201	103	144
// Avarage age	1'	982 104	185	136				127
1982 47.0 46.6 46.4 46.7 49.0 48.6 48.1	65 to 69 years1	987 71		85				53
1982 47.0 46.6 46.4 46.7 49.0 48.6 48.1	70 years and over1	987 52		79				
Maile farms, 1987. 842 1 649 1 386 1 299 1 040 885 689 1 982. 1 011 1 675 1 530 1 481 1 164 931 733 735 735 739 73	Average age	987 982 47.0						52.7 49.1
Maile farms, 1987. 842 1 649 1 386 1 299 1 040 885 689 1 982. 1 011 1 675 1 530 1 481 1 164 931 733 735 735 739 73	Operators by sex:							
1982 1 011	Male farms, 1	987 842	1 649	1 388	1 299	1 040	885	689
Secretary 1987 340 146 441 374 368 825 401 628 323 022 261 697 269 144 391 543 421 997 339 866 276 477 295 169	1:	982 1 011	1 675	1 530	1 481	1 164		
Female			441 374	368 825	401 628	323 022	261 697	
1982 34 50 40 30 44 23 34 50 8 40 9 368 8 127 5 267 5 297 5 302 9 570 5 515 5 5 5 5 5 5 5	19	982 340 146	440 616	391 543	421 997	339 866	276 477	295 169
1982	Female farms. 19	987 35	56	49	40	41	36	26
Acres 1987 8 402 9 368 8 127 5 267 5 297 5 302 9 570		982 34				1 44		
ndividual or family (sole proprietorship)	acres, 1						5 302	9 570 5 515
1982	TYPE OF ORGANIZATION							
1982		987 749		1 219	1 179	920	843	627
Partnership			1 411	1 322				663
Partnership		987 257 320		299 068	336 224			
1982 112 282 172 151 124 100 83 acres, 1987 26 146 95 483 37 187 39 794 34 904 31 733 45 933 1982 41 250 84 818 46 948 46 323 41 065 41 735 55 588	11	962 2/5 514	346 889	316 003	353 173	260 620	226 440	222 538
Corporation: Farmily held Farms, 1987				136	118	95	63	69
Corporation: Family held				172	151	124		83
Corporation: Family held								45 933
Family held	18	982 41 260	84 818	46 948	46 323	41 065	41 735	55 588
Family held	Comparation							
1982 46 24 65 32 49 12 20 20 1887 30 376 17 717 39 977 24 695 (D) 10 456 22 078 1982 29 203 12 813 34 062 25 434 40 800 (D) 19 976 22 078 1982 3 6 6 6 3 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Family hald farms 19	987 52	34	72	25	56	10	16
acres, 1987 30 376 17 717 39 977 24 695 (D) 10 456 22 078 1982 1982 29 203 12 813 34 062 25 434 40 800 (D) 19 976 3 2 3 2 3 2 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 2 2 3 3 3 3 3 1 1 1 1	19	982 46		65	32			20
Other than family held		987 30 376	17 717	39 977	24 695	(D)	10 456	22 078
1982 3 6 6 6 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1					25 434	40 800	(D)	19 976
Acres, 1987] 3	
Other—cooperative, estate or trust, institutional, etc							",	
institutional, etc farms, 1987_						2 202	(0)) ioi
1982 6 2 5 9 5 7 2 acres, 1987 800 1 284 126 (D) 1 751 (D) (D)								
acres, 1987 800 1 284 126 (D) 1 751 (D) (D)] 3			2	1
				5				
(b) (b) 1342 1330 /0/ (b)						1 751	(D)	(D)
		(0)	(0)	093	1 542	1 336	1	(U)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Characteristics	Delaware	Dea Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
OPERATOR CHARACTERISTICS — Con.								
Operators by age group: Under 25 years	60	30	20	26	14	37	26	27
1982 25 to 34 years	91 320 309	34 103 113	33 · 94 · 141	54 319 292	30 112 153	90 253 303	41 162 209	27 50 185 222 187
35 to 44 years1987	286	156	118	369	154	309	195	187
1982	302	145	121	423	144	362	231	222
45 to 54 years	343	155	118	417	104	358	208	210
	362	155	145	444	139	385	242	250
55 to 64 years 1987 1982 1987 1987 1987	314	143	151	375	144	358	244	268
	317	211	148	320	173	344	256	310
	166	70	71	215	58	197	135	119
55 to 59 years	148	73	80	160	86	161	109	149
65 yaars and over 1987	129	166	92	1 8 3	81	195	150	135
1982	100	157	64	175	75	157	118	114
65 to 69 yaars 1987	65	75	41	77	42	88	66	60
70 years and over198719871987	64	91	51	106	39	107	84	75
	46.1	50.3	49.3	47.6	48.0	48.6	49.2	49.0
1962	45.3	50.7	46.2	46.7	46.6	46.3	47.4	47.2
Operators by sex: Male	1 415	742	571	1 651	594	1 469	951	9 8 5
	1 455	794	641	1 646	691	1 610	1 071	1 137
acras, 1987	347 292	208 790	208 234	328 982	224 584	413 802	290 612	342 416
1982	349 342	223 004	224 450	332 022	238 972	432 952	297 98 2	361 657
Famalefarms, 1987	37	11	22	38	15	41	34	27
1982	26	21	11	62	23	31	26	31
acras, 1987	6 648	2 053	2 768	5 130	3 348	6 880	5 876	3 973
1982	2 519	1 766	3 107	6 890	6 440	4 058	3 740	5 116
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)farms, 1987	1 221	623	505	1 389	543	1 254	838	855
1982	1 255	663	549	1 436	627	1 381	92 7	995
acras, 1987	281 081	159 093	164 657	258 134	192 463	319 680	227 706	277 521
1982	280 817	167 509	181 178	270 971	205 998	336 237	227 462	291 424
Partnership	182	63	52	275	45	188	79	92
	184	90	72	244	61	198	107	106
	47 894	22 331	21 104	63 599	(D)	57 055	25 206	33 243
	49 368	31 859	25 393	55 6 46	23 488	54 761	32 735	37 262
Corporation:	41	62	30	17	18	57	60	55
Family haldfarms, 1987	31		26	13	20	53	53	54
1982 acres, 1987 1982	(D) 19 932	54 (D) 24 539	23 8 24 20 196	7 720 5 476	(D) 15 425	41 198 42 075	42 264 39 514	28 661 33 115
Other than family held	2 2 (D) (D)	1 (D)	4 - (D)	5 6 3 902 1 768	2 3 (D) 137	4 4 447 (D)	3 4 444 1 284	5 8 1 973 4 011
Other—cooperative, astate or trust, institutional, atc	6 9	4 8	6	3 9	1 3	7 5	5 6	5 5
acras, 1987	1 111	3 145	1 417	757	(D)	2 302	868	4 991
1982	(D)	863	(D)	5 051	364	(D)	727	961

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Cherecteristics	Fremont	Greene	Grundy	Guthrie	Hamilton	Hencock	Mandia	115
OPERATOR CHARACTERISTICS –	riemont	Greene	Grundy	Gottine	remitori	Hencock	Hardin	Harrison
Con.								
Operators by ege group:						i		
Under 25 yeers	14	22 43	26 54	21	24	31	28	18
1982 25 to 34 yeers1987	30 107	165	54 178	45 128	40 192	89 192	56 188	62 168
1982	121	194	194	189	196	221	210	189
35 to 44 years1987 1982	131 129	185 157	232 259	200 218	204 231	211 221	214 251	204 197
45 to 54 years19871982	127 175	171 227	246	176	199	237	227	183
55 to 64 years	183	258	261 234	229 243	255 263	277 258	260 238	285 244
1982	205 79	290	260	257	299	282	303	318
55 to 59 years	104	114 144	129 105	113 130	132 131	133 125	123 115	118 126
65 years end over	157 111	147 143	121 107	192	144	123	171	20€
65 to 69 years1987	76	68	56	167 80	137 71	106 57	128 93	161 95
70 years and over 1987 Average ege 1987	81 51.7	79 49.7	65	112	73	66	78	111
1982	49.3	49.0	48.0 46.8	51.2 48.7	48.8 48.4	48.1 46.5	48.9 47.5	50.7 48.8
Operators by sex:	200							
Malefarms, 1987	683 747	922 1 026	1 021 1 112	926 1 076	1 000 1 133	1 027 1 157	1 036 1 180	991 1 167
acres, 1987 1982	303 423 303 999	349 799 354 200	315 593 315 581	310 991 319 512	343 184 354 538	343 423 347 800	332 260 347 515	380 850 405 453
Femalefarms, 1987	36	26	16	34	26	25	29	33
1982 acres, 1987	24 5 373	28 3 484	23 4 064	29 5 6 40	25 4 169	19	28	33 25 6 340
1982	2 787	4 823	4 977	6 983	3 721	4 351 3 358	5 730 8 308	3 148
TYPE OF ORGANIZATION								
Individuel or family (sole proprietorship)farms, 1987	568	771	846	837	871	890	898	897
1982 acres, 1987	634 233 208	873 270 859	942 222 599	968 260 600	996 261 336	985 281 916	990 267 963	1 045 325 244
1982	233 215	270 522	222 446	268 332	281 309	277 612	263 087	345 173
Partnershipfarms, 1987	107	102	105	93	85	112	94	95
1982 acres, 1987	101 41 731	106 36 562	107 30 115	108 35 460	109 43 574	150 40 154	128 32 749	112 33 990
1982	41 618	41 476	29 977	42 363	44 736	48 174	43 422	41 315
Corporation:								
Family heldfarms, 1987	35 33	67	76 72	22	57	40	63	24
acres, 1987	29 306	57 (D)	64 441	19 18 698	44 40 232	23 826	76 35 209	26 26 573
Other then femily heldfarms, 1987	31 298	43 706 2	62 583	13 882	29 802	24 245	45 780	20 898
1982	i	7	8	2 3	3	5	8 7	5
acres, 1987 1982	3 015 (D)	(D) 2 271	1 820 4 612	(D) 406	415 426	595 385	459 1 470	1 043 (D)
Other—cooperative, estate or trust,								
institutional, etcfarms, 1987 1982	5	6	3	6	10	8 3	3 7	3
acres, 1987	1 536	1 495	682	(D)	1 796	1 283	1 610	340
1982	(D)	1 048	940	1 512	1 986	740	2 064	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Characteristics	Henry	Howard	Humboldt	ida	lowa	Jackson	Jasper	Jefferson
OPERATOR CHARACTERISTICS— Con.								
Operators by age group: 198' Under 25 years 198' 25 to 34 years 198' 35 to 44 years 198' 198' 198'	32 126 156 199	26 39 169 188 166 201	13 44 125 133 143 165	28 52 155 157 165	37 56 189 186 185 243	50 88 245 236 252 351	38 85 206 252 299 316	14 46 110 173 148 155
45 to 54 years	184 202 225	197 242 237 263 101	163 188 195 231 93	129 216 222 230 86	214 270 250 272 121	333 346 295 264 173	303 382 355 362 204	153 199 196 211 90
60 to 64 years 198 65 years and over 198 65 to 69 years 198 70 years and over 198 Average age 198	7 171 140	136 143 122 67 76 49.3	102 115 87 64 51 49.6	136 88 81 42 46 48.0	129 182 123 84 98 49.3	122 179 137 75 104 48.2	151 264 192 122 142 50.2	106 154 110 73 81 51.2
198/ Operators by sex: Male	48.7 2 869 2 948 226 186	47.9 918 1 037 263 548 275 729	48.0 739 836 270 403 272 071	47.2 765 857 255 950 256 667	47.4 1 023 1 117 326 191 357 446	46.1 1 303 1 375 335 136 341 438	47.7 1 433 1 554 424 191 442 484	47.4 742 862 228 744 244 549
Femalefarms, 198 198: acres, 198: 198;	24 2 15 3 5 431	20 18 5 737 3 132	15 12 4 990 3 351	22 17 4 153 3 009	34 33 3 514 4 019	51 47 10 476 5 920	32 35 3 005 4 878	33 32 6 072 3 443
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)farms, 198 198: acres, 198 198:	824 190 657	803 906 222 432 226 401	649 725 225 627 222 470	658 737 209 946 215 449	899 974 249 660 263 817	1 153 1 219 278 545 286 155	1 182 1 293 317 302 333 155	658 767 183 485 202 403
Partnershipfarms, 196' 198: acres, 198' 198:	90	107 121 33 432 34 744	69 97 34 219 39 498	97 104 36 994 32 238	113 147 41 885 48 754	161 173 50 254 46 681	193 215 58 443 71 795	76 91 28 277 27 238
Corporation: farms, 198	42 19 862 (D)	22 24 (D) 16 346 2	28 20 (D) (D)	26 23 (D) 10 932	36 22 (D) 23 321	32 25 (D) (D) 2	80 67 48 697 39 367 4	33 28 (D) 17 762 2
198. acres, 198 198.	2 2	(D) (D)	(D) (D)	4 (D) 387	3 (D) 25 175	(D)	9 382 1 660	6 (D) (D)
Other—cooperative, estate or trust, Institutional, etc	2 5 ' 467	4 3 519 (D)	7 4 1 570 623	5 6 974 670	8 4 1 172 398	6 5 209 (D)	6 5 2 372 1 385	6 2 801 (D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Cheracteristics								9
	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louiss	Lucas
OPERATOR CHARACTERISTICS— Con.								
Operators by age group:								
Under 25 years19871982	43 52	29 57	15 85	72 113	16 35	29 54	18 36	11 30 59 99
25 to 34 yeers 1987	190	149	184	325	130	204	93	50
1982	251	241	222	358	181	268	117	99
35 to 44 yeers1987	295	278	205	355	205	355	124	134
1982	305	285	223	347	220	371	127	143
45 to 54 years 1987	294	269	195	359	235	385	136	140
1982	350	284	229 259	466	229	446	175	181
55 to 64 years 1987	310	268	259	438	224	390	157	171
1982	350	305	285	456	247	416	147	186
55 to 59 years	161 149	128 140	116 143	216 220	107 117	215 175	79 78	77 94
60 to 64 years	149	140	143	220	'''	1/5	′°	54
65 years and over 1987 1982	224	168	178	171 145	179 148	327 255	106 97	175
1982 1987 1987 1987 1987 1987	200 99	135 67	169 69	145 87	82	149	46	130
65 to 69 years	125	101	109	84	97	178	60	69 106
Average age 1987	49.6	49.5	50.1	47.3	50.5	51.2	50.2	53.9
1982	48.5	46.9	47.2	46.2	- 48.5	49.2	48.1	50.3
Operators by sex:								
Maleferms, 1987	1 305	1 124	1 004	1 692	954	1 614	613	650
1982	1 439	1 278	1 160 {	1 861	1 036	1 751	678	731
acras, 1987	300 690	316 707	337 931	591 483	261 435	348 438	194 918	201 081
1982	320 307	332 697	344 171	605 876	263 733	363 243	205 266	213 674
Femalefarms, 1987	51	37	32	26	35	76	21	40
1982	69 4 944	29	33	24	24	59	21	38
acras, 1987 1982	7 933	5 499 3 827	5 233 6 522	7 670 5 604	4 655 3 008	7 562 5 282	3 937 3 404	5 438 5 823
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)farms, 1987	1 091	950	869	1 501	811	1 450	515	602
1982	1 216	1 070	959	1 631	891	1 545	565	675
acres, 1987 1982	219 105 237 862	230 717 249 117	264 629 252 325	503 232 498 229	190 025 190 759	272 855 275 499	149 094 156 053	172 012 175 521
Partnershipfarms, 1987	187	138	123	147	124	150	70 91	70 85
1982 acres. 1987	212 54 185	184 47 971	194 52 210	196 62 277	126 47 103	184 37 076	22 334	20 649
1982	57 842	47 091	77 941	71 460	45 329	48 711	32 123	35 149
Corporation:								
Family heldfarms, 1987	67	68	39	57	46	79	39	14
1982.	71	66	30	48	36	67	38	8
acres, 1987	30 348	(Ď)	ία̈́)	30 354	27 091	44 816	23 694	(D) (D)
1982	31 378	38 067	18 555	39 715	29 054	42 184	19 674	
Other than family heldfarms, 1987	4	2	2	8	3	6	4	1
1982	6	.3	.6	7	3 587	3 139	(5)	(D)
acres, 1987 1982	978 990	(D) 2 094	(D) (D)	2 270 1 406	336	139	(D) -	(U) -
Other cooperative, astate or trust,								
institutional, etcfarms, 1987	7	5	3	5	5	5	6	3
1982	ál	4	4	š	4	11	5	1
acres, 1987	1 020	160	614	1 020	1 284	1 114	(D)	2 438
1982	168	155	(D)	670	1 263	2 000	820	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

(1 or meaning or epotevisions and symbols, s	see introductory text)	Т							
Cherecteristics		Lyon	Madison	Meheske	Merion	Merehell	Mills	Mitchell	Monona
OPERATOR CHARACTERISTICS—Con.									
Operetors by ege group: Under 25 yeers	1987	62	13	38	37	16	15	32	19
25 to 34 yeers	1982	108 279	42 123	64 206	41 140	49 156	26 84	46 172	55 151
35 to 44 yeers	1982 1987 1982	272 223 253	171 225 258	242 236 239	156 201 282	180 206 215	111 150 147	222 193 202	149 151 169
45 to 54 years	1987	237 320	231 259	215	263	246	120	211	183
55 to 64 yeers	1987	273 334	242 268	254 265 304	291 279 302	306 256 307	156 152 163	214 211 226	207 199 229
55 to 59 years	19871987	151 122	125 117	131 134	140 139	130 126	66 86	103 108	109 90
65 years end over	1987	160	225	235	211	193	120	120	151
65 to 69 yeers 70 years and over Average ege	1982 1987	104 108 52	158 96 129	162 115 120	179 90 121	144 97 96	81 53 67	101 55 65	124 64 87
Average ege	1987	46.6 45.4	51.9 48.6	49.8 47.7	51.1 49.7	50.6 48.7	50.7 48.0	48.0 46.3	49.8 48.2
Operetors by sex:	t 1007		1 010	4 400	4.070	4 000			
Male	1982 ecres, 1987 1982	1 193 1 359 337 164 353 402	1 018 1 119 289 409 310 645	1 182 1 242 321 788 331 159	1 078 1 192 273 367 288 050	1 020 1 162 323 450	621 664 242 194 251 968	920 987 268 579	827 912 368 975
Femele		353 402	310 645	331 159	288 050	332 210 53	251 968	269 666 19	374 317 27
, 011010	1982 ecres, 1987 1982	32 5 774 4 091	35 4 234 3 003	23 6 305 4 874	39 5 948 4 364	39 6 562 5 565	20 3 186 2 270	24 2 003 3 334	21 8 055 4 304
TYPE OF ORGANIZATION									
Individuel or family (sole proprietorship)	ferms, 1987 1982	1 095 1 219	924 988	1 004 1 033	955 1 040	871 962	516 545	807 854	739 786
	ecres, 1987 1982	287 186 297 285	233 648 250 318	263 712 251 560	215 925 225 961	242 952 238 801	179 836 190 796	222 603 219 909	313 314 299 875
Pertnership	farms, 1987 1982	89 126	108 142	138 199	140 165	118 149	88 110	98 125	92 123
	ecres, 1987 1982	25 406 38 322	37 253 40 255	43 061 69 507	41 545 55 464	33 721 39 911	42 099 46 704	32 085 37 392	43 306 51 605
Corporetion:	ferms 1987	42	20	43	27	73	34	27	18
r drilly field	1982 acres, 1987	37 29 129	18 (D)	26 19 359	19 20 187	82 47 770	24 22 279	23 15 209	21 (D) (D) 2
Other than family held		23 295 3	(D) 2 2	13 539 5	9 766 5	55 133 6	(D)	12 605 2	(D) 2
	1982 ecres, 1987 1982	3 28 (D)	2 (D) (D)	6 746 (D)	1 142	5 2 724 (D)	2 - (D)	3 (D) (D)	(D)
Other-cooperative, estate or trust,	4							_	
institutional, etc.	farms, 1987 1982 acres, 1987	5 6 1 189	5 4 1 757	3 1 1 215	4 7 516	5 3 2 845	3 3 1 166	5 6 (D)	3 3 1 040
	1982	(D)	2 695	(D)	1 223	(D)	2 522	(6)	(0)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

(FO THEBRING OF EDDIEVIALOTS END SYMBOLS, SEE INDODUCTORY TEXT)								
Characteristics	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Pelo Alto	Plymouth
OPERATOR CHARACTERISTICS— Con.								71111
Operators by age group: Under 25 years	14 - 32 83 99 129 167	13 28 109 147 135	25 27 123 129 165 247	39 75 249 272 230 210	30 62 182 182 138 146	24 62 144 174 196 170	28 62 183 176 180 175	55 104 323 388 401 330
45 to 54 years	149	117	228	231	156	183	166	343
	147	170	249	345	196	231	252	447
	195	173	227	356	178	247	260	391
	193	160	238	334	188	251	261	412
	79	87	117	189	77	115	124	224
	116	86	110	167	101	132	136	167
65 years and over	166	154	133	127	47	221	117	227
	123	130	115	101	59	169	89	193
	94	74	75	74	26	88	66	100
	72	80	58	53	21	133	51	127
	52.5	51.0	49.7	47.8	45.5	51.6	48.4	47.7
	49.7	48.8	48.5	46.3	45.0	48.9	47.0	46.6
Operators by sex: Malefarms, 1987 1982 acres, 1987 1982	706	684	877	1 205	714	982	906	1 689
	738	756	979	1 314	824	1 027	999	1 820
	219 503	245 819	230 983	356 945	228 657	332 417	333 900	512 745
	218 299	250 510	236 273	357 878	244 384	329 341	341 463	508 062
Femalefarms, 1987	30	17	24	27	17	33	28	51
1982	23	13	26	23	9	30	16	54
acres, 1987	5 642	2 072	2 043	5 264	2 014	5 355	9 957	8 724
1982	3 901	3 030	1 854	4 985	1 673	3 767	3 864	9 956
TYPE OF ORGANIZATION								
Individual or femily (sole proprietorship)ferms, 1987	646	587	755	1 056	641	844	815	1 516
1982	680	627	835	1 144	734	874	851	1 624
ecres, 1987	194 917	204 015	170 968	296 848	187 896	263 010	281 165	431 664
1982	195 761	202 616	171 301	292 251	203 836	262 008	272 048	432 349
Partnershipfarms, 1987	76	87	83	112	48	140	72	166
1982	71	115	103	134	59	151	103	209
acres, 1987	25 624	31 041	29 097	35 756	(D)	53 427	29 146	63 167
1982	24 547	38 903	31 952	43 152	18 736	51 710	36 776	67 597
Corporation: Femily hald	7	18	58	55	40	25	41	50
	4	20	61	48	33	20	52	35
	3 070	(D)	(D)	28 491	(D)	18 579	(D)	26 232
	1 471	10 631	(D)	25 222	22 405	14 137	33 495	(D)
	3	2	1	3	1	2	1	3
	6	3	1	5	4	7	3	1
	(D)	(D)	(D)	(D)	(D)	(D)	(D)	180
	421	(D)	(D)	1 532	660	2 968	880	(D)
Other—cooperative, estate or trust, institutional, etc	4 (D)	7 4 1 527 (D)	4 5 1 248 1 014	6 6 (D) 706	1 3 (D) 420	4 5 (D) 2 285	5 6 1 150 2 128	5 5 226 873

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Characteristics	Pocehontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shalby
OPERATOR CHARACTERISTICS— Con.								
Operators by age group: 198 Under 25 years 198	7 22 2 67	20 43	46 85	29 55	16	38 68	24 34	42
198 25 to 34 years	7 183	113 140	279 300	171 185	29 96 136	189 212	156 187	42 83 245 248 264 225
35 to 44 years198	7 202	184 211	338 357	215 222	110 133	196 188	199 257	264 225
45 to 54 yeers198	2 241	220 279	323 419	226 263	125 167	197 274	219 255	204 298
55 to 64 years198	2 294	260 267	434 452	229 273	186 176 81	258 298 120	224 264 116	298 274 355 128 148
55 to 59 years	7 131 7 125	145 115	228 206	123 106	105	138	108	148
65 years and over 198	P 87	204 170	232 215	177 144	168 135	157 106	151 100	1 48 108
65 to 69 yeers	7 89 7 41	86 118	100 132	81 96	65 103	83 74	81 70	78 70
Average age198 198	7 48.3 2 46.3	52.1 49.8	49.1 48.0	49.3 48.1	52.8 49.6	48.7 47.1	49.3 47.3	47.0 48.7
Operetors by sax: Male	7 956	937	1 607	1 010	666	997	941	1 164
198 acres, 198 198	2 1 086 7 342 859	1 060 231 627 242 099	1 763 536 937 543 262	1 121 329 935 352 068	749 274 658 306 654	1 108 352 953 353 744	1 072 226 976 235 595	1 293 348 699 351 898
Fernalefarms, 198 198 acres, 198	2 19	64 50 6 629	45 65 6 944	37 31 5 513	35 27 10 600	38 38 6 724	32 25 3 485	13 24 2 688
TYPE OF ORGANIZATION	2 921	5 162	12 086	3 650	7 317	5 413	3 571	4 932
Individual or family (sole proprietorship)farms, 198 198 acres, 198	2 978	806 916 168 173	1 376 1 479 414 547	888 971 267 456	608 661 227 338	840 926 270 448	839 931 171 846	1 025 1 139 302 075
198		177 464	400 893	275 956	248 644	267 674	177 218	295 165
Partnershiptarms, 198	2 72	112 117	179 253	128 155	74 96	124 161	64 99	108 132 29 367
acres, 198 198		27 534 28 151	73 864 104 730	49 219 59 687	42 098 51 427	58 836 62 939	17 090 26 596	40 287
Corporation: Family heldfarms, 198	7 44	65	80	21	12	57	64	39 38
198 acres, 198 198	7 27 076	37 242 33 874	77 51 962 47 328	22 15 972 18 473	14 (D) 10 976	52 27 436 26 653	62 (D) 34 521	19 294 21 035
Other than family heldfarms, 198	7 2	4	14	2	2	7	2	2 5
acras, 198 198		1 583 6 145	3 426 1 447	(D)	(D) (D)	(D) (D)	(D)	(D) (D)
Other—cooperative, estate or trust, institutional, etc	7 5	14	3	10	5	7	4	3 3
198 acres, 198	2	3 724	5 82	2 2 801	3 560	(D)	2 182	3 (D) (D)
198	2 811	1 627	950	(D)	(D)	(D)	(D)	(0)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

Characteristics	Sioux	Story	Tama	Taylor	Union	Ven Buren	Wapello	Warren
	0.002	Oldry	, vama	7 4 7 10 1	0.110.11	70.7 00.01.	770000	
OPERATOR CHARACTERISTICS— Con.								
Operators by age group: Undar 25 years	80	15	37	15	14	14	12	20
1982	107	15 35	82	15 52	24	34	27 93	50
25 to 34 yeers1987 1982	410 441	181 235	208 243	121 157	102 140	103 162	93 148	20 50 139 174
35 to 44 years 1987	435	236	286	164	132	152	183	1 247
1982	430	241	302	173	137	186	177	307
45 to 54 years 1987	407 469	213	295 331	142	143 187	165 155	194 219	339 322 335
1982 55 to 64 yeers	499	271 287	349	166 155	151	173	193	335
	501	312	383	197	171	197	225	l 336
55 to 59 years	236 263	130 157	181 188	79 76	81 70	80 93	95 98	166 169
60 to 64 yaars	203	137	100	,,	· · ·	35		
65 years and ovar 1987 1982	184 152	206 154	229 167	177 145	151 113	176 149	224	230 205 92 138
65 to 69 years 1987	90	106	109	87	62	80	163 100	92
70 years and over	94	100	120	90	89	96	124	138
Average aga1987	46.6 45.6	50.3 48.1	49.9 47.7	50.7 48.2	51.3 48.7	51.6 48.7	52.8 49.9	51.7 49.6
Operators by sex:								
Malefarms, 1987	1 974	1 101	1 348	739	672	753	862	1 245
1982	2 061 466 595	1 212 323 847	1 474 407 317	874 282 095	753	851 240 038	928 206 725	1 337 294 552
acras, 1987 1982	464 642	323 847 334 953	415 073	290 355	231 238 233 356	266 517	219 057	313 140
Fernala	41	37	56	35	21	30	37	65
1982	39	36	34	16	19	32	31	57
acras, 1987 1982	5 768 5 348	3 234 3 439	9 861 4 513	8 962 1 946	2 357 2 205	4 901 4 155	4 960 3 660	9 231 7 700
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)farms, 1987	1 694	916	1 176	666	608	679	817	1 119
1982 acres, 1987	1 763 375 205	1 042 239 864	1 272 324 359	758 240 532	680 195 792	755 201 387	857 175 528	1 175 236 116
1982	380 221	251 710	331 842	226 553	185 360	215 129	186 958	242 293
Pertnershipfarms, 1987	251	109	172	89	63	73	60	142
1982	278	108	187	106	71	99	74	169
acras, 1987 1982	68 495 68 883	31 220 26 708	59 074 60 532	35 679 51 487	24 325 40 895	30 302 39 794	21 360 20 289	39 729 49 706
Corporation: Family heldferms, 1987	58	95	50	15	20	26	20	40
1982	44	81	l 45	15 24	16	24	25	35
acres, 1987 1982	27 836 18 224	(D) 55 666	(D) (D)	(D)	13 188 (D)	12 445 13 333	(D) 14 821	26 427 26 199
Other than family heldferms, 1987	6	9	2	"	1	3	-	5
1982_ acres, 1987_	8 78	7 (D)	1 (0)	(D)	2	(0)	1	10 991
1982	1 808	413	(D) (D)	-	(D) (D)	(B)	(D)	2 258
Other cooperative, astata or trust,								
institutional, atc	6	.9	4	3 2	1 1	2	2	4
1982 acres, 1987	7 749	10 1 025	3 394	260	3 (D)	(D)	(D)	5 520
1982	854	3 895	534	(D)	1 464	(D)	(D)	384
			L		L		-	

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of appreviations and symbols, see introductory text]								
Characteristics	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
OPERATOR CHARACTERISTICS— Con.								
Operators by age group: Under 25 years	42	22	22	25	48	31	18	12
1982	58 214 226	36 71 133	64 204 236	53 132 160	95 314	80 205	51 116	12 42 129 150
35 to 44 years	232 259	145 133	249 216	137 135	310 310 336	271 300 336	158 129 138	164 202
45 to 54 years1987	246 277	131 164	253 332	153 200	327 413	267	120	193
55 to 64 years1987	260 272	194 216	337 337 357	192 220	379 412	332 330 373	168 183 200	193 220 242 287
55 to 59 years	146 114	77 117	167 170	106 86	184 195	157 173	79 104	112 130
65 years and over1987	164	180	170	103	255	227	102	142
1982 65 to 69 yaars	146 82 82	142 73 107	152 82 88	79 59 44	158 131	187 103	83 47	108 75 67
Average age	48.1 47.2	53.0 49.8	49.5 48.3	48.6 47.1	124 48.7 46.8	124 49.8 47.5	55 49.7 46.5	50.5 48.5
Operators by sex: Malafarms, 1987	1 125	703	1 183	724	1 577	1 310	649	863
1982 acres, 1987 1982	1 214 316 244 333 505	797 274 490 285 917	1 316 404 839 412 974	831 240 568 243 005	1 682 368 838 392 780	1 536 440 401 472 375	785 219 393 231 919	994 338 232 357 815
Femaletarms, 1987 1982 acres, 1987 1982	33 24 5 260 4 345	40 27 6 779 4 257	52 41 11 784 6 658	18 16 1 862 3 545	56 42 8 187 7 833	50 43 11 358 6 249	18 13 2 285 2 395	19 15 5 778 2 653
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)farms, 1987_ 1982_ acras, 1987_ 1982_	905 954 222 013 226 731	642 702 240 202 237 077	1 074 1 172 340 330 341 671	647 730 197 229 199 843	1 382 1 434 295 329 315 765	1 200 1 382 369 256 395 088	586 680 184 174 186 767	776 864 290 136 286 709
Partnershipfarms, 19871982	149 193	84 101	107 129	57 85	222 265	125 158	59 92	58 97
acres, 1987 1982	45 525 60 206	33 040 39 734	43 199 47 881	16 299 19 270	70 423 70 748	61 721 64 598	27 333 35 990	21 347 39 925
Corporation: Family heldfarms, 1987	90	9	43	38	15	25	17	44
1982 acres, 1987	73 49 564	17 (D)	39 28 317	29 28 902	20 7 494	25 (D) 14 371	15 (D) (D)	42 (D)
Other than family heldfarms, 1982	45 939 10	11 623	24 199 5	27 257 -	13 118	2	1	1
1982 acres, 1987 1982	12 3 647 4 427	1 (D) (D)	8 (D) 4 048	=	(D) (D)	6 (D) 3 748	2 (D) (D)	(D) (D)
Other—cooparative, estate or trust, institutional, etcfarms, 1987	4	7	6	_	12	8	4	3
1982_ acres, 1987_	6 755	3 1 234	9 (D)	3	4 (D)	900	9 335	4 609
1982	547	(D)	1 833	180	(D)	819	507	(D)

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982

Item		lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY		lowa	7,040	ridanio	riidiidiss	удраноозе	, addbon	Derivoir
Cettle and calves fi	arms, 1987 1982 nber, 1987 1982	49 469 62 412 4 303 682 5 822 488	650 810 62 601 83 391	464 539 42 485 54 915	863 984 88 346 105 984	648 680 50 221 53 100	400 547 44 301 78 695	685 855 71 528 70 957
Farms by inventory: 1 to 9 for normal factors and the second factors are second for the second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are second factors and the second factors are s	arms, 1987 1982 nber, 1987 1982	4 928 5 919 25 026 29 783	33 29 159 155	24 34 99 146	37 29 195 144	66 57 362 323	30 25 154 120	82 89 431 469
10 to 19fi		5 734 6 410 80 721 91 276	41 44 570 647	29 46 424 650	41 41 554 547	76 73 1 081 970	45 45 37 613 547	80 80 82 1 114 1 178
20 to 49 for nur	1987 1982 nber, 1987 1982	13 985 16 782 458 833 557 424	185 223 6 227 7 824	144 125 4 866 4 235	172 188 5 858 6 396	184 189 6 107 6 073	105 134 3 306 4 463	202 266 6 749 8 902
50 to 99 fu		12 289 15 755 863 466 1 106 870	199 216 14 277 15 500	128 154 8 676 11 038	254 297 18 542 21 338	155 166 10 915 11 918	106 135 7 373 9 774	183 216 12 642 15 278
	1982 nber, 1987 1982	8 310 11 296 1 111 080 1 521 816	124 211 16 786 28 740	99 122 13 487 16 757	264 298 36 158 40 382	120 145 16 250 (D)	68 129 8 812 17 639	97 139 12 380 18 249
200 to 499fi	nber, 1987 1982 nber, 1987 1982	3 423 5 122 961 296 1 450 807	58 79 15 781 22 510	32 47 8 709 13 273	90 127 24 182 34 268	41 48 11 270 13 175	31 66 9 318 18 677	30 49 8 187 14 067
500 or moref	1987 1982 nber, 1987 1982	800 1 128 803 260 1 064 512	10 8 8 801 8 015	8 11 6 224 8 816	5 4 2 857 2 909	6 2 4 236 (D)	15 21 14 725 27 475	11 14 30 025 12 814
Cows and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers that had calved for normal factors and heifers are not calved for normal factors and heifers are not calved for normal factors and heifers are not calved for normal factors and heifers are not calved for normal factors and heifers are not calved for normal factors are not calved	1987 1982 mber, 1987 1982	38 373 48 561 1 418 633 1 876 061	571 742 27 456 35 597	428 487 19 662 23 722	757 892 38 989 47 359	607 633 26 207 28 129	297 382 13 034 20 550	534 663 16 315 22 207
Beef cows fi	arms, 1887 1982 nber, 1987 1982	32 279 41 117 1 123 745 1 536 397	554 721 26 347 34 062	424 481 19 414 23 136	443 563 18 686 25 595	592 620 25 483 27 332	281 356 12 568 19 559	481 594 13 908 19 393
1987 farms by inventory: 1 to 9	farms	5 883 30 117	42 209	21 104	43 188	100 501	50 259	93 489 106
10 to 19	number	7 337 102 885	78 1 107	78 1 122	1 194	95 1 336	876	1 487
20 to 49	number	12 314 378 182 4 965 325 104	258 8 073 122 7 942	193 5 952 92 6 138	190 5 864 89 6 099	220 7 124 127 8 533	107 3 360 44 2 824	218 6 505 54 3 459
100 to 199		1 467	43	34	32	41	7	_8
200 to 499		182 308 276	5 181 9	4 150 5	3 958 5	5 038	871 5	(D) 1
500 or more	number tarms number	74 024 37 31 125	(D) (D)	(D) 1 (D)	1 383	(D) 1 (D)	1 194 4 3 184	(D) 1 (D)
	arms, 1987 1982 mber, 1987 1982	7 748 10 485 294 888 339 664	37 73 1 109 1 535	15 28 248 586	422 502 20 303 21 764	45 64 724 797	21 40 466 991	69 104 2 407 2 814
1987 farms by inventory: 1 to 9		1 158	10	.7	13	22	8	13
10 to 19		3 417 870 12 357	22 4 52	14 3 38	52 16 241	37 9 140	20 4 63	32 8
20 to 49	number farms number	3 470 115 939	16 550	4 (D)	222 7 880	10 296	(D)	123 30 1 007
50 to 89	number_	1 955 123 685	5 (D)	(D)	152 9 782	4 251	(D)	16 (D)
100 to 199	farms number	272 32 759	2 (D)	-	18 (D)	-	<u>-</u>	2 (D)
200 to 499	number tarms	22 (D) 1	- - -	- - -	(D)	-	-	- - -
Helian and half	number	(D)						
Heifers and heifer calvest	arms, 1987 1982 mber, 1987 1982	38 383 48 981 1 275 321 1 663 560	542 687 15 274 20 991	377 438 9 787 11 889	761 859 26 515 28 514	516 550 10 840 11 958	305 443 14 576 25 436	534 678 19 972 20 323
Steers, steer calves, bulls, and bull calves f	arms, 1987 1982 mber, 1987 1982	42 527 54 603 1 609 728 2 282 867	594 754 19 871 26 803	409 479 13 036 19 304	753 866 22 842 30 111	563 620 13 174 13 013	346 480 16 691 32 709	585 777 35 241 28 427

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[Pot meaning of apprevations and symbols, sea introductory text	,	т					
item	Black Hawk	Boone	Bremer	Buchenen	Buena Vista	Butler	Calhoun
INVENTORY							
Cattle end calves	413	323	564	646	240	552	235
	565	447	703	738	378	739	400
	24 204	24 331	34 300	37 083	30 112	32 358	22 434
	36 312	35 101	39 690	47 218	46 641	44 507	41 563
Ferms by inventory: 1 to 9	66	60	89	77	45	78	40
	116	76	114	95	37	106	41
number, 1987_ 1982_ 10 to 19	309 567 62 72 843 996	277 385 44 67 602 958	448 610 77 93 1 132 1 333	392 512 120 89 1 722 1 264	238 146 24 45 348 620	393 519 83 97 1 197 1 358	185 174 43 55 592 839
20 to 49 farms, 1987	131	89	148	238	51	182	62
1882	151	139	195	260	88	257	118
number, 1987	4 054	2 853	4 995	7 726	1 671	5 984	2 066
1982 50 to 99	4 836 98 118 7 304 8 335	4 516 63 75 4 374 5 313	6 523 146 190 10 273 13 301	8 541 115 171 7 790 11 828	2 991 44 73 2 926 5 107	8 428 128 168 8 711 11 688	3 834 43 83 2 816 5 519
100 to 199	42	35	81	67	30	60	19
	77	50	92	84	72	79	58
	5 330	4 471	10 194	8 756	4 053	7 698	2 683
	9 932	6 821	11 945	11 235	10 104	10 371	7 573
200 to 499	12	28	21	23	39	15	15
	26	31	16	32	49	24	31
	(D)	7 399	(D)	6 097	11 671	4 957	4 495
	7 907	8 674	4 095	8 844	13 716	7 156	9 086
500 or more farms, 1987	2	4	2	6	7	6	13
1982	5	9	3	7	14	8	14
number, 1987	(D)	4 355	(D)	4 600	9 205	3 418	9 597
1982	3 739	8 434	1 883	4 994	13 957	4 987	14 538
Cows and haifars that had calved farms, 1987	248	236	407	501	152	371	160
1982	389	321	529	575	250	504	262
number, 1987	7 177	5 955	12 844	12 618	4 911	9 334	4 824
1982	11 222	8 841	15 381	15 907	10 076	14 148	8 839
Beef cows tarms, 1987	180	222	182	260	141	266	155
1982	284	295	262	341	243	366	248
number, 1987	3 887	5 403	3 777	6 642	4 413	5 632	4 714
1982	6 975	8 212	4 552	9 336	9 510	9 250	8 526
1987 ferms by inventory: 1 to 9 farms	63	68	72	91	36	73	47
number	323	334	340	496	152	367	243
10 to 19number	43	62	45	62	32	89	38
number	599	889	635	835	475	1 276	530
20 to 49 farms	59	66	49	79	42	81	51
numbar	1 686	1 835	1 386	2 357	1 207	2 419	1 436
50 to 99 farms	12	1 325	11	18	22	21	11
number	714		736	1 071	1 448	(D)	747
100 to 199 farms number 200 to 499 farms number	1 (D) 2 (D)	3 410 3 610	4 (D) 1 (D)	6 933 4 950	9 1 131 -	1 (D) 1 (D)	6 (D) 1 (D)
500 or morafarms number	-	-	-	-	-	-	(D)
Milk cows	82	26	244	264	15	118	8
	137	41	308	282	14	173	26
	3 290	552	9 067	5 976	498	3 702	110
	4 247	629	10 829	6 571	566	4 898	313
1987 farms by invantory:	6	16	16	49	5	20	4 8
1 to 9	22	(D)	69	256	11	89	
10 to 19 tarms	11	(D)	21	101	3	13	2
number	154		291	1 360	43	185	(D)
20 to 49farms number	37 1 174 23 1 313	5 194 3 175	149 4 873 52 3 183	89 2 759 22 1 283	5 (D) -	70 2 185 13 (D)	(D) (D)
100 to 199	5	1/3	6	3	2	(5)	(6)
number 200 to 499	627	(D)	651	318	(D)	(D)	-
number 500 or mora farms number \	-	-	-	-	-	(D) - -	-
Haifars end heifer calves farms, 1987	296	246	425	521	184	400	169
1982	405	348	551	593	279	545	296
number, 1987	7 426	8 857	10 602	10 988	9 512	9 247	6 522
1982	10 349	10 559	11 989	12 412	13 084	15 051	12 143
Steers, staar calves, bulls, end bull calves farms, 1987_	358	267	439	549	195	487	196
1982_	497	371	586	649	336	643	349
number, 1987_	9 601	9 519	10 854	13 477	15 689	13 777	11 088
1982_	14 741	15 701	12 320	18 899	23 481	15 308	20 581

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of ebbreviations and symbol	is, see introductory text]							
Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY								
Cattle and calves		577	510	505	213	478	537	511
	1982 number, 1987 1982	774 84 045 125 274	686 52 259 75 045	616 37 738 51 193	311 12 904 21 628	670 61 492 90 932	41 260 48 830	578 41 203 49 829
Farms by inventory:	farms 1987	34	31	43	30	29	57	39
(10 9	1982 numbar, 1987	61 152	34 153	54 201	59 145	31 139	84 310	48 178
10 to 19	1982	315 52	159 59	231 62	278 36	158 38	434 43	236
10 10 19	1982 number, 1987	54 722	52 863	54 878	39 505	41 534	68 614	53 60 743
	1982	751	739	748	554	591	935	866
20 to 49	farms, 1987 1982	153 192	140 186	171 187	69 76	114 139	168 174	133 140
	number, 1987 1982	4 988 6 283	4 881 6 531	5 561 6 181	2 139 2 369	3 711 4 478	5 461 5 827	4 342 4 747
50 to 99	farms, 1987 1982	160 200	129 193	108 157	43 79	125 180	152 179	148 139
	number, 1987 1982	11 025 13 659	8 958 13 533	7 626 11 057	2 909 5 284	8 464 12 454	10 543 12 579	10 541 9 573
100 to 199	farms, 1987 1982	93 144	93 144	90 105	23 32	97 151	82 99	104 132
	number, 1987 1982	12 740 20 093	12 894 19 340	12 386 13 704	3 259 4 366	13 108 21 033	10 537 12 919	14 268 17 509
200 to 499		53 78	40 57	27	10 22	64 97	26 30	28 52
	number, 1987 1982	15 042 22 610	11 355 17 575	7 996 14 544	(D) 5 529	18 858 27 642	7 053 8 762	7 538 12 359
500 or more	farms, 1987	32	18	4	2	11	9	6
	1982 number, 1987 1982	39 376 61 563	20 13 155 17 168	3 090 4 728	3 248	31 16 680 24 578	10 6 742 7 374	7 3 593 4 539
Cows end haifars that had calved		325	416	379	151	346	389	469 540
	1982 number, 1987 1982	11 660 15 729	561 17 300 23 689	491 12 198 16 957	220 5 059 7 642	452 12 923 19 205	502 12 652 15 706	20 773 25 674
Beef cows	ferms, 1987 1982	308 413	406 538	348 438	129 195	305 412	237 345	461 527
	number, 1987 1982	11 102 14 628	16 648 22 436	10 841 14 686	4 289 6 957	11 277 17 514	6 362 9 241	20 514 25 247
1987 ferms by inventory: 1 to 9		43	48	53	31	40	42	55
10 to 19	number tarms	218 73	253 78	304 103	141 36	218 79	217 73	312 75
20 to 49		1 017 131	1 083 170	1 402 129	483 40	1 110 118	1 026 91	1 064 173
50 to 99		3 981 40	5 135 73	3 990 49	1 311 14	3 859	2 736 24	5 718 122
	numbar	2 605	4 839	3 171	1 053	2 892	1 490	8 089
100 to 199	number	17 1 969	32 3 857	13 (D)	(D)	22 (D)	893	30 3 711
200 to 499	numbar	1 312	1 481	(D)	(D)	(D)	-	6 1 619
500 or more	number_	-	-	-	-	-	-	=
Milk cows	farms, 1987 1982	22 45	25 49	42 75	25 29	51 58	172 202	21 41
	number, 1987 1982	558 1 101	652 1 253	1 357 2 271	770 685	1 646 1 691	6 280 8 465	259 427
1987 farms by inventory:		4	9	10	5	9	14	15
10 to 19	number	5	(D)	29	13	23 6	33 17	(D) 1
20 to 49	number	62 12	(D)	119	85 8	86 25	247 101	(D)
50 to 99	number	(D)	241	408	235	766 10	3 224 35	121
00 10 00	number	(D)	367	803	(D)	(D)	2 206	-
100 to 199	tarms	-	-	-	1 (D)	1 (D)	5 580	1 (D)
200 to 499	number	- 1	-	-	1 -		-	-
500 or more	number_	-	-	-	-	-	-	-
Haifers and heifer calves		447	413	395	179	374	410	417
	1982 number, 1987 1982	592 41 746 59 027	571 14 058 19 197	473 11 777 13 290	241 3 603 5 858	526 19 499 30 507	503 12 939 14 622	481 9 584 11 566
Steers, steer celves, bulls, and bull call	ves farms, 1987 1982	428 589	458 628	444 542	194 269	431 581	456 566	464 521
	number, 1987	30 639 50 518	20 901 32 159	13 763 20 946	4 242 8 128	29 070 41 220	15 669 18 502	10 846 12 589

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

Item								
		Clay	Clayton	Clinton	Crawford	Dallaa	Davis	Decatur
INVENTORY								
Cattle and calves		264	1 275	664	778	395	648	497
	1982 number, 1987 1982	426 32 833 53 059	1 446 111 580 123 836	822 63 452 82 134	1 016 67 100 100 020	520 23 978 38 748	728 39 154 49 920	568 51 643 70 032
Farms by inventory:	farms 1987	24	70	75	55	55	90	43
1 W V	1982 number, 1987	34 91	66 370	105 347	62 271	81 276	74 462	43 33 214
10 to 19	1982	185 33	373 119	561 78	361 87	387 73	342 89	176 45 40
	1982 number, 1987	41 462	120 1 680	74 1 064	94 1 203	91 1 036	99 1 27 0	642
	1982	614	1 736	1 080	1 361	1 146	1 494	539
20 to 49	farms, 1987 1982	73 103	257 342	158 184	224 256	138 151	215 231	130 153
	number, 1987 1982	2 441 3 350	8 656 11 572	5 158 6 131	7 587 8 704	4 538 4 907	7 064 7 546	4 271 4 986 137
50 to 99	1982	58 110	408 457	158 188	193 277	67 107	139 170	141
	number, 1987 1982	3 879 7 683	29 409 32 440	10 987 13 021	13 382 19 292	4 729 7 629	9 769 11 852	9 796 9 873
100 to 199		31	330	105	147	42	82	87
	1982 number, 1987	70 4 335	353 43 125	150 14 409	204 19 541 27 355	59 5 627 8 238	105 10 815 13 760	126 11 702 17 358
200 to 499		9 237 32 48	46 317 80 101	20 359 76 106	64 106	8 238 14 33	28 41	17 35 6 46 52
	1982 number, 1987 1982	8 899 13 900	21 366 26 348	22 700 31 180	17 735 30 573	4 058 9 616	7 602 10 823	13 359 15 174
500 or more		13	11	14	8	6	3	9
300 01 III01e	1982 number, 1987	20 12 726	6 974	15 8 787	17 7 381	8 3 714	6 2 172	23 11 659
	1982	18 090	5 050	9 802	12 374	6 825	4 103	21 926
Cows and heifers that had calved	farms, 1987	171 279	1 087 1 293	436 546	600 770	315 415	571 674	444 516
	number, 1987 1982	5 434 11 523	49 557 55 674	14 024 20 604	22 641 29 510	8 468 12 409	20 257 25 702	25 1 68 33 076
Beef cows	farms, 1987	161	529	386	580	307	495	431
	1982 number, 1987	260 5 191	671 19 341	467 11 361	734 21 286	401 8 119	596 18 447	508 24 439
1987 farms by inventory:	1982	10 889	24 567 104	16 984 93	27 414	12 115 77	22 882 78	32 413 45
1 to 9 10 to 19	number	209	513 119	461 84	417 121	386 86	384 113	193
20 to 49	numbar	408 65	1 651 197	1 219 140	1 743	1 201 105	1 586 180	76 1 075 165
50 to 99	number	1 898	6 179 78	4 250 54	7 287 107	3 122 33	5 674 94	165 5 291 94
	number	1 506	5 182	3 637	7 008	2 265	6 239	6 311
100 to 199	farms	5 (D)	23 2 902	14 (D)	26 3 195	4 (D)	27 3 398	36 4 714
200 to 499		(D)	6 (D)	(D)	6 1 636	(D)	(D)	12 2 869
500 or more			(D)	\ <u>-</u>	-	-	(D)	3 3 986
Milk cows	farms, 1987	11	674	61	51	17	116	3 2 49
	1982 number, 1987	27 243	789 30 216	102 2 663	80 1 355	38 349	158 1 810	7 2 9
1987 farms by inventory:	1982	634	31 107	3 620	2 096	294	2 820	663
1 to 9	number	3 17	23 103	31	19 60	16	52 126	19 34
10 to 19	number	5 74	704	3 48	7 99	(D)	30 417 27	34 5 75 2 (D)
20 to 49	number	(D)	345 12 031	1 066	18 628	6 193 2	680	(D) 4
50 to 99	number	(D)	237 14 759	16 1 032	(D)	(D)	(D)	277
100 to 199		-	18	4 486	1 (D)	-	1 (D)	2 (D)
200 to 499	number farms number	-	(D) 2 (D)	400	(b) - -	=	(b) - -	(D) -
500 or more	farms	-		-	-	-	-	-
Heifers and heifer calves		193	1 084	523	594	300	480	409
FIGHTIS AND HONOR CANADS	1982 number, 1987	300 7 802	1 238 34 938	634 26 321	813 17 641	406 6 402	609 8 509	485 13 551
	1982	10 986	35 121	28 067	29 970	12 149	11 334	17 409
Steers, steer calves, bulls, and bull ca	lives farms, 1987 1982	223 377	1 040 1 190	546 679	671 896	331 455	545 64 9	432 526
	number, 1987 1982	19 597 30 550	27 085 33 041	23 107 33 463	26 818 40 540	9 108 14 190	10 388 12 884	12 924 19 547

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

(For meaning or abbreviations and symbols, se	e introductory text	1					I		
Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY						_			
Cattle and calves	farms, 1987 1982 number, 1987 1982	914 1 034 79 043 84 117	311 377 18 114 26 803	184 277 25 849 43 788	1 250 1 375 117 453 124 039	166 225 16 380 26 785	880 1 077 78 118 92 966	339 448 21 468 27 332	264 402 19 476 37 723
Farms by inventory: 1 to 9	ferms, 1987 1982 number, 1987 1982	59 65 314 324	52 55 272 287	14 19 51 91	67 70 413 374	21 27 85 142	80 100 428 539	52 70 290 350	28 52 147
10 to 19		61 68 863 979	51 69 720 983	22 33 309 502	108 109 1 502 1 487	25 25 359 354	50 102 706 1 485	55 74 769 1 014	251 38 47 534 647
20 to 49	1982 number, 1987 1982	196 256 6 520 9 144	96 118 2 869 3 731	54 61 1 744 1 994	252 274 8 357 9 279	45 49 1 547 1 588	211 244 6 956 8 400	103 135 3 322 4 070	83 105 2 696 3 531
50 to 99	1987 1982 number, 1987 1982	338 374 24 471 26 768	56 68 3 779 4 614	38 61 2 754 4 581	359 472 25 957 34 107	40 51 2 900 3 764	262 320 19 123 22 495	70 93 5 181 6 363	64 91 4 423 6 383
100 to 199	1982 number, 1987 1982	192 201 26 101 26 730	37 44 4 781 5 906	25 51 3 276 7 196	355 332 46 680 43 906	18 38 2 728 5 189	209 230 28 443 31 042	43 50 5 617 6 784	37 70 4 959 9 777
200 to 499	farms, 1987 1982 number, 1987 1982	63 67 17 613 18 517	18 17 (D) 4 802	24 34 7 213 9 713	97 107 26 308 28 192	13 24 4 331 7 538	60 67 15 570 17 630	13 21 3 701 5 676	11 30 3 157 7 791
500 or more	farms, 1987 1982 number, 1987 1982	5 3 3 161 1 655	1 6 (D) 6 480	7 18 10 502 19 711	12 11 8 236 6 694	4 11 4 430 8 210	8 14 6 892 11 375	3 5 2 588 3 075	3 7 3 560 9 343
Cows and heifers that had calved	farms, 1987 1982 number, 1987 1982	722 818 31 961 32 689	260 318 7 715 10 034	119 184 4 693 8 212	981 1 131 47 394 50 737	124 163 4 326 7 453	652 846 27 697 32 798	235 319 5 962 8 474	174 260 5 047 9 841
Beef cows	farms, 1987 1982 number, 1987 1982	243 325 7 619 9 082	248 303 6 912 9 438	92 165 3 791 7 510	449 576 14 070 18 816	119 156 (D) 7 278	303 431 9 987 14 029	193 263 4 283 6 251	150 220 4 115 8 492
1987 farms by inventory: 1 to 9	farms	47 221	62 315	12 (D)	81 414	26 (D)	59 266	56 269	41 201
10 to 19 20 to 49	farms number	68 941	59 808	23 345	95 1 287	28 398	83 1 212	51 713	32 462
50 to 99	number	85 2 467 30 1 923	87 2 500 33 2 293	34 1 023 13 960	188 5 680 68 4 451	38 1 100 19 1 237	108 3 235 40 2 603	65 1 921 19 (D)	58 1 713 16 989
100 to 199	number	10 1 297	6 (D)	9 (D)	15 (D)	5 697	8 1 073	2 (D)	2 (D)
200 to 499500 or more	number	3 770	(D)	(D)	(D)	3 740	(D)	-	- 1
31 11013	number	~	-	-	-	=	(D)	=	(D)
Milk cows	farms, 1987 1982 number, 1987 1982	527 569 24 342 23 607	19 23 803 596	29 24 902 702	605 661 33 324 31 921	7 12 (D) 175	404 499 17 710 18 769	52 82 1 679 2 223	29 57 932 1 349
1987 farms by inventory: 1 to 9	number	21 94	6 23	8 25	14 45	6 15	15 70	9 30	6
10 to 19 20 to 49	farms number	39 587 281	(D)	6 84 8	15 205 251	1 (D)	37 515 211	9 143 25	12 3 44
50 to 99	number	9 826 163 10 586	124 5 353	241 4 232	9 019 278 17 816	-	7 257 126 7 968	859 8 (D)	44 18 (D) 1 (D)
100 to 199	farms	20 2 504	2 (D)	3 320	46 (D)	-	14 (D)	1 (D)	-
200 to 499500 or more	farms number	3 745 -	- - - -	-	1 (D)	-	(D) -	(5)	1 (D) - -
Heifers and heifer calves	farms, 1987 1982 number, 1987 1982	742 837 24 495 26 245	233 280 4 179 8 573	128 201 9 314 13 233	992 1 157 35 222 37 643	129 166 4 791 7 610	708 874 22 579 28 495	255 352 5 372 7 571	188 288 5 885 9 852
Steers, steer calves, bulls, and bull calves	farms, 1987 1982 number, 1987 1982	697 823 22 587 25 183	280 339 6 220 8 196	164 230 11 842 22 343	938 1 109 34 837 35 659	147 195 7 263 11 722	750 931 27 842 31 673	304 385 10 134 11 287	231 338 8 544 18 030

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

the meaning of appraviations and symbols, saa introductory taxt								
Itam	Framont	Graana	Grundy	Guthria	Hamilton	Hancock	Hardin	Harrison
INVENTORY								
Cattla and calvas	286 387 24 894 36 032	313 423 23 691 42 333	341 442 32 392 41 043	550 695 42 797 64 881	148 257 9 014 24 084	243 377 18 095 30 538	352 453 28 548 55 668	491 672 45 158 52 303
Farms by invantory: 1 to 9	23 30 114 140 34 46	52 51 265 236 49 53 687	38 68 219 336 51 54 687	50 58 278 299 52 71 736	34 44 146 212 19 36 268	25 45 126 227 37 37 512	35 60 190 301 47 46	45 60 221 300 49 83 706
1982 20 to 49farms, 1987 1982	694 92 128	777 97 136	763 108 129 3 413	1 023 182 187	522 52 74	528 75 106	663 646 100 125	1 204 134 189
number, 1987 1982 50 to 99	2 990 4 130 83 97 5 819 7 005	3 126 4 353 59 99 4 025 6 610	4 198 74 84 5 162 5 882	6 008 6 478 135 191 9 624 13 365	1 684 2 505 23 49 (D) 3 437	2 341 3 539 39 86 2 666 5 827	3 051 3 919 89 95 6 016 6 720	4 478 6 271 140 170 9 634 11 859
100 to 199	39 52 5 164 6 751 12 27 3 719 7 204	31 49 3 901 6 863 15 22 4 891 6 888	40 67 5 581 9 376 22 28 6 420 9 104	103 121 13 726 16 550 21 54 6 316 15 158	12 33 1 738 4 199 4 14 857 4 930	48 69 6 341 9 480 18 29 (D) 8 266	46 63 6 053 8 638 30 39 8 952 11 500	78 111 10 685 14 237 35 56 9 655 16 340
500 or morafarms, 1987_ 1982_ number, 1987_ 1982_	3 7 6 367 10 108	10 13 6 796 16 608	8 12 10 810 11 384	7 13 6 109 12 008	4 7 (D) 8 279	1 5 (D) 2 671	5 25 3 623 23 944	10 3 9 779 2 092
Cows and haifars that had calvedfarms, 1987 1982 number, 1987 1982	235 319 8 523 12 134	255 349 7 163 12 823	225 298 6 819 9 507	486 611 16 931 25 477	96 160 1 856 3 556	136 233 3 772 6 686	262 311 8 887 12 662	397 576 17 179 20 345
Baaf cowsfarms, 1987 1982 numbar, 1997 1982 1982	229 310 8 123 11 873	255 343 (D) 12 736	195 249 5 502 7 507	476 595 16 595 24 829	92 149 1 593 3 327	107 181 2 394 4 777	247 294 8 432 12 014	383 546 16 724 19 242
1987 farms by invantory: 1 to 9	31 179 40 549 111 3 415 37 2 441	70 323 59 827 86 2 487 29 1 879	52 281 47 868 66 2 001 22 1 352	73 371 99 1 447 192 5 958 94 6 273	29 137 31 438 28 754 4 264	28 149 30 381 41 1 257 6 (D)	41 242 64 901 91 2 722 33 2 059	57 300 75 1 028 170 5 309 54 3 628
100 to 199	8 (D) 2 (D)	1 083 2 (D)	6 (D) 2 (D)	16 (D) 2 (D)	-	2 (D) - - -	17 (D) 1 (D)	20 2 354 6 (D) 1 (D)
Milk cowsfarms, 1987 1982 numbar, 1987 1982	10 17 400 261	3 12 (D) 87	33 62 1 317 2 000	22 40 336 648	5 16 263 229	31 63 1 378 1 909	18 24 455 648	26 52 455 1 103
1987 tarms by inventory: 1 to 9	4 7 - - 2 (D) 3 220	2 (D) 1 (O) - - -	3 19 5 70 18 554 7 (D)	13 53 4 69 4 (D) 1 (D)	2 (D) - - - 2 (D)	4 23 2 (D) 11 347 13 830	5 21 2 (D) 10 347 1 (D)	10 28 6 80 9 (D) 1 (D)
100 to 199	(D) - - - -	- - - -	2 (D) - - - -	-	1 (D) - - - -	1 (D) - - - -	-	-
Haifers and haifer calvesfarms, 1987 1982 number, 1987 1982	229 307 7 214 7 692	239 343 7 330 11 704	262 337 7 955 11 932	449 546 10 670 14 345	121 196 4 204 6 844	167 286 6 180 9 371	274 333 7 764 15 724	389 532 12 703 13 613
Staars, staar calvas, bulls, and bull calvasfarms, 1987 1982 number, 1987 1982	255 358 8 957 16 206	274 370 9 198 17 806	285 370 17 618 19 604	494 642 15 196 25 059	111 202 2 954 13 684	207 335 8 143 14 481	306 396 11 897 27 282	437 623 15 276 18 345

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning or appreviations and symbols, see introducto	TY TEXT							
ltem	Henry	Howerd	Humboldt	idə	lowa	Jackson	Jasper	Jefferson
INVENTORY								
number, 19	982 461	490 639 34 299 47 069	150 202 19 778 24 305	384 540 42 915 67 495	621 773 58 270 81 241	1 047 1 130 105 376 111 886	746 985 59 053 84 383	391 555 24 063 34 515
number, 19	982 61 987 304	44 48 227	21 19 93	22 36 90	29 57 152		67 103 366	41 55 224
10 to 19farms, 19farm	982 67	231 63 57 882 867	97 14 29 203 434	153 37 38 508 557	290 55 60 770 896	336 97 77 1 354 1 095	494 77 89 1 110 1 267	246 54 88 738 1 257
number, 19	982 154 987 4 376	130 182 4 350	39 44 1 237	104 116 3 508	188 199 6 403	239 265 7 900	252 286 8 327	128 166 4 135
50 to 99farms, 19	982 106	6 234 148 211 10 450 15 275	1 379 34 49 2 250 3 406	4 103 95 123 6 473 8 334	6 652 187 210 13 428 14 895	8 977 273 335 19 312 23 661	9 731 172 247 12 337 17 398	4 135 5 430 99 147 6 744 9 981
number, 19	982 50	79 108 10 485 (D)	20 23 2 870 2 972	64 130 8 814 17 199	100 174 13 564 23 879	244 245 32 676 32 951	121 160 16 057 21 791	50 69 6 417 8 787
number, 19	987 15 982 22	24 31 (D) 8 697	15 30 4 275 8 547	50 82 13 974 24 876	55 60 14 426 17 389	93 121 25 904 33 379	50 85 13 611 23 194	18 27 (D) 7 176
number, 19	982 1	2 2 (D) (D)	7 8 8 850 7 470	12 15 9 548 12 273	7 13 9 527 17 240	17 797	7 15 7 245 10 508	1 3 (D) 1 636
number, 19	982 377	381 512 12 980 17 607	91 117 3 247 4 372	276 360 11 067 15 629	527 656 22 004 29 205	844 962 36 018 42 418	587 778 20 220 30 566	336 469 9 721 14 298
number, 19	982 358	232 293 6 882 9 461	79 107 2 810 3 850	266 348 10 552 14 725	505 617 20 685 26 804	681 797 26 376 32 076	560 729 18 717 27 487	324 447 8 982 13 346
1987 farms by inventory: 1 to 9 far		41 218	20 93	36 195	46 257	97 510	91	62 321
10 to 19 far	ms 81 ber 1 121	59 834	23 316	46 602	106 1 541	135 1 896	135 1 954	91 1 297
50 to 99 fai	ber 3 094	96 2 813 28 1 947	24 678 7 483	107 3 180 57 3 664	241 7 418 88 5 875	272 8 453 130 8 410	206 6 242 106 6 868	120 3 579 46 3 125
100 to 199 fa		8	3	19	21 2 563	41 5 153	20 (D)	5 660
200 to 499 fa	ber 797 ms ber	1 070	(D) 1 (D)	(D) - -	2 363 2 (D)	1 954	(D) 2 (D)	-
500 or more fai	ms ber	=	1 (D)	(D)	(D)] -	_	-
number, 19	982 34	168 252 6 098 8 146	13 11 437 522	19 28 515 904	47 99 1 319 2 401		36 68 1 503 3 079	22 50 739 952
1987 farms by inventory: 1 to 9fa	rms 5 ber 5	12 60	4	8 14	15 41	28 100	5 14	10 13
10 to 19 far	ms 3 ber 50	24 335	(D) 1 (D)		3 41	15 221	101	4 62
20 to 49 fai num 50 to 99 fai	ber 97	92 3 099 37	5 193	(D)	18 547	3 396	11 394 10	5 154 1
	ber 212	2 268	220 220	(D)	690	4 760	637	(D)
100 to 199 fa	ber	3 336	-	(D)	_	8 (D)	3 357	1 (D)
500 or more fa	ber	=	-	-	-	(D) -	=	(D)
number, 19	982 353	363 525 9 255 13 457	110 134 6 969 4 765	288 380 10 767 18 432	500 616 16 499 22 128		579 735 16 335 20 536	294 441 6 705 9 657
number, 1	982 408	430 569 12 064 16 005	119 179 9 562 15 168	345 486 21 081 33 434	558 692 19 767 29 908	36 544	655 885 22 498 33 281	341 491 7 637 10 560

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

For meaning of abbreviations and symbols, see introductory text	l					r		
Item	Johnson	Jones	Keokuk	Koasuth	Lee	Linn	Louise	Lucas
INVENTORY								
Cattle and calvesferms, 1987 1982 number, 1987 1982	704 822 44 479 54 570	670 831 71 782 83 773	531 664 38 002 50 879	422 581 34 963 55 902	537 614 33 765 38 949	788 932 46 537 54 728	228 306 13 375 20 261	500 575 39 752 50 168
Farms by inventory: 1 to 9	79 90 389 462	63 12 340	45 59 220 307	54 72 222 313	79 84 446 462	136 173 709 898	20 29 106 115	37 33 188
1982 10 to 19ferms, 1987 1982 number, 1987 1982	89 103 1 295 1 426	340 65 64 903 918	63 84 915 1 202	57 63 812 865	83 106 1 167 1 522	127 148 1 804 2 061	35 36 450 506	180 65 72 919 1 023
20 to 49farms, 1987 1982 number, 1987 1982 1982	222 267 7 260 8 978	148 216 4 947 7 349	169 196 5 538 6 534	120 163 4 010 5 373	155 182 5 013 5 877	243 284 7 631 9 471	76 100 2 358 3 337	145 168 4 771 5 419
50 to 99farms, 1987 1982 number, 1987 1982	183 187 12 670 12 883	172 200 12 317 14 187	140 161 9 974 11 322	101 139 6 979 9 765	112 131 7 855 9 189	174 194 12 394 13 844	52 76 3 521 5 412	128 146 8 789 10 076
100 to 199farms, 1987 1982 number, 1987 1982 200 to 499farms, 1987	100 130 13 103 16 752 27	137 179 18 866 24 503 62	85 112 11 381 14 987 25	55 79 7 511 10 419 27	75 77 9 779 10 352 31	80 100 10 669 13 364 24	37 50 4 712 6 684 8	81 100 10 306 13 644 39
1982 number, 1987 1982	39 7 443 10 361	90 17 486 26 239	48 7 066 13 147	47 8 090 13 787	31 (D) 8 833	28 6 046 7 465	15 2 228 4 207	46 11 424 12 631
500 or more1arms, 1987 _ 1982 _ number, 1987 _ 1982 _ 1982 _	4 6 2 319 3 708	23 15 16 951 10 237	4 4 2 908 3 380	8 18 7 339 15 380	2 3 (D) 2 714	4 5 7 284 7 625	- - -	5 10 3 355 7 195
Cows and heifers that had calvedfarms, 1987 1982 number, 1987 1982	614 689 18 060 20 737	512 652 21 762 28 718	466 581 17 273 21 802	242 322 7 784 10 972	429 506 12 167 14 472	613 726 16 158 20 104	184 240 5 750 7 763	463 525 20 120 24 966
Beef cowsfarms, 1987 1982 number, 1987 1982	499 578 14 393 17 542	406 522 16 202 22 702	458 556 16 929 20 953	182 243 5 384 8 294	400 475 10 459 12 500	508 595 12 110 15 278	180 237 5 559 7 702	455 517 19 637 24 475
1987 farms by inventory: 1 to 9	104 547	68 311	52 265	50 279	97 504	147 734	31 179	59 303
10 to 19 farms number 20 to 49 farms	121 1 660	84 1 157	114 1 602 192	56 756 53	99 1 356 158	143 1 925 171	38 525 74	86 1 186 176
20 to 49	196 6 161 61 3 889	144 4 497 71 4 510	5 910 71 4 634	1 625 15 978	4 902 37 2 359	5 215 34 2 127	2 163 32 2 001	5 302 87 5 533
100 to 199	16 (D) 1 (D)	32 3 899 7 1 828	23 2 764 6 1 754	5 596 2 (D) 1 (D)	8 (D) 1 (D)	12 (D) - - 1 (D)	4 (D) 1 (D)	39 4 936 8 2 377
number	131 142 3 667 3 195	147 184 5 560 6 016	17 46 344 849	71 96 2 400 2 678	48 73 1 708 1 972	134 169 4 048 4 826	9 9 191 61	13 25 483 491
1987 farms by inventory: farms farms	17 63	22 63	10	11 29	17 27	27 75	5 7	5 (D)
10 to 19 ferms number	42 602	16 232	_	11 161	1 (D)	26 350	(D)	1 1
20 to 49farms number 50 to 99farms number	54 1 662 1 14 903	63 1 995 39 2 354	140 3 189	35 1 077 12 (D)	15 561 13 820	57 1 909 21 1 207	(D) 2 (D)	(D) 3 94 3 197
100 to 199 farms	4	7	_	1	2	2	-	1 (0)
number	437	916	-	(D) 1 (D)	(D) - -	(D) 1 (D)] =	(D) - -
500 or more farms number_	=	= =	=	-	=	-	=	Ξ
Heifers and heifer calvesfarms, 1987 1982 number, 1987 1982	575 666 10 724 14 891	507 666 22 201 25 625	401 512 8 583 11 022	299 413 9 669 17 107	399 454 9 663 9 373	602 736 11 941 13 152	167 204 3 601 5 275	408 447 8 832 11 448
Steers, steer calves, bulls, and bull celvesferms, 1987 1982 number, 1987 1982	639 742 15 695 18 942	574 706 27 819 29 430	489 609 12 146 18 055	341 484 17 510 27 823	470 540 11 935 15 104	675 821 18 438 21 472	197 274 4 024 7 223	456 522 10 800 13 754

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

Item	Lyon	Medison	Mehaske	Merion	Mershell	Mitls	Mitchell	Monons
INVENTORY	Lyon	WEGISON	IVIGIIBAG	Weiter	Weisiell	Willis	MICHEL	MOHORIS
Cattle and calvesferms, 1987	649 875 69 260 95 609	685 789 47 876 66 962	584 748 47 081 64 775	586 734 35 063 51 055	464 588 36 041 48 432	264 352 21 503 33 257	356 445 35 450 40 429	318 428 36 886 56 413
Farms by inventory: 1 to 9farms, 1987 1982 number, 1987 1982	31 44 157 241	57 73 298 394	49 65 272 285	82 78 422 343	51 43 275 219	25 39 126 196	31 51 153 260	29 31 148 152
10 to 19ferms, 1987 1982 number, 1987 1982	65 60 904 851	112 100 1 559 1 429	76 67 1 131 945	72 93 967 1 332	60 64 852 877	48 40 696 571	40 45 562 682	148 152 33 39 465 552
20 to 49	189 228 6 397 7 616	217 205 7 107 6 913	179 228 6 106 7 614	201 210 6 409 6 964	138 181 4 416 5 766	74 113 2 373 3 734	96 116 3 181 3 922	80 111 2 530 3 518 69 87
1982 1982 number, 1987 1982	161 238 10 995 16 336	158 208 11 363 14 575	153 183 10 514 12 827	128 191 8 923 12 859	116 154 7 986 10 554	61 79 3 988 5 656	96 100 6 837 7 045	4 610 6 084
100 to 199farms, 1987 1982 number, 1987 1982 200 to 499farms, 1987	113 185 14 688 24 996 68	101 144 13 319 19 229 36	92 123 (D) 16 913 39	75 118 10 281 16 313 27	69 99 9 361 12 985 22	35 48 4 639 6 250 14	53 90 7 281 12 209 32	64 93 8 732 12 823 38 60 11 371
1982 number, 1987 1982 500 or morefarms, 1987	99 19 386 27 170	53 10 359 15 526	76 (D) 19 646	41 (D) 11 394	38 6 158 10 765	25 3 831 7 684	36 9 613 10 764	17 046
1982 number, 1987 1982	19 16 733 18 399	6 3 871 8 898	7 6 468 6 545	3 (D) 1 850	6 993 7 266	5 850 9 166	7 7 823 5 547	5 7 9 030 16 238
Cows and heifers that had calvedfarms, 1987 1982 number, 1987 1982	401 554 14 885 22 829	615 708 21 861 30 043	438 550 13 612 18 730	475 616 13 959 20 849	368 492 11 958 16 193	208 286 6 932 10 566	215 304 7 295 10 476	224 304 9 002 11 459
Beef cows farms, 1987	287 408 10 335 16 911	608 699 21 765 29 824	402 494 12 308 16 583	445 587 12 625 18 589	353 470 11 188 15 363	203 277 6 820 10 318	121 186 3 412 5 804	216 284 8 753 10 947
1987 farms by inventory: 1 to 9 tarms_ number 10 to 19 farms_	38 193 84	106 547 143	73 400 94	89 476 97	75 413 85	44 246 46	24 109	30 151 46
number	1 186 112	1 951 231	1 316 170	1 380 180	1 236 130	617 72	36 490 43	689 81
number	3 270 35 2 474	7 300 95 6 224	5 184 53 3 581	5 423 58 3 750	4 183 47 2 846	2 121 31 1 966	1 261 13 892	2 559 41 2 852
100 to 199	12 1 598 6 1 613	29 3 756 4 (D) 1 (D)	10 (D) 2 (D) -	9 (D) 2 (D) -	14 (D) 2 (D) -	7 840 2 (D) 1 (D)	4 (D) 1 (D) -	17 (D) 1 (D) -
Milk cowsfarms, 1987	134 195 4 550 5 818	22 44 96 419	51 79 1 304 2 147	41 86 1 334 2 360	21 35 769 830	5 15 112 248	110 143 3 883 4 672	13 33 249 512
1987 farms by inventory: 1 to 9 farmsnumber	15 71	18 36	16 48	13 37	8 22	2 (D)	9 24	7 15
10 to 19 tarms number_	26 381	4 60	7 108	5 74	(D)	_	16 242	1 1
20 to 49ferms_ number 50 to 99number	59 1 752 29 1 687	:	20 606 7 (D)	13 401 8 (D)	182 4 315	(D)	59 1 939 24 (D)	(D) 2 (D) 3 152
100 to 199farms number_	5 659	-	1 (D)	2 (D)	(D)	_	2 (D)	-
200 to 499ferms	=	-	\ \frac{1}{2}	-		- -	-	- - -
Heifers end heifer calvesfarms, 1987	451 642 21 456 31 108	567 648 12 269 16 885	442 573 15 238 18 907	452 556 10 116 12 169	352 461 7 809 12 367	210 283 6 585 6 703	269 316 10 746 10 680	248 328 8 240 10 133
Steers, steer calves, bulls, and bull calvesfarms, 1987 1982 number, 1887 1982	32 919	621 719 13 746 20 024	504 661 18 231 29 138	521 648 10 988 17 937	409 530 16 274 19 872	226 324 7 986 15 988	299 378 17 409 19 273	278 383 19 644 34 821

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

troi meaning or appreviations and symbols, se	e introductory text)							Т	
item		Monroe	Montgomery	Muscatine	O'Brien	Osceole	Page	Pelo Alto	Plymouth
INVENTORY									
Cattle and celves	1987 1982 number, 1987 1982	533 594 41 441 52 303	348 480 28 584 49 874	377 492 26 833 37 912	381 529 54 433 87 428	277 362 29 424 38 273	578 705 45 986 62 537	219 343 18 879 30 572	780 1 067 85 582 124 891
Ferms by inventory: 1 to 9	1982 number, 1987	48 48 218	21 34 111	45 71 239	41 45 189	27 31 167	39 47 213	38 29 180	70 75 330
10 to 19	1982 farms, 1987 1982 number, 1987 1982	247 70 57 950 784	153 37 34 562 497	327 57 44 783 631	247 35 45 466 658	125 42 49 603 691	265 59 54 816 797	140 22 39 298 566	70 75 330 358 69 79 976 1 185
20 to 49	farms, 1987 1982 number, 1987 1982	155 177 5 254 5 894	108 120 3 443 4 000	106 133 3 431 4 381	107 129 3 525 4 256	76 106 2 503 3 395	204 228 6 905 7 766	55 99 1 663	243 257 7 897
50 to 99		133 134 9 260 9 237	96 126 6 862 8 866	86 129 6 190 8 319	94 119 6 829 8 215	63 65 4 442 4 597	9 580 12 632	3 239 44 90 3 070 6 137	8 711 186 278 13 070 18 582
100 to 199	1982 number, 1987 1982	93 112 12 438 15 079 28	63 108 8 480 14 775 17	57 78 7 241 10 110 21	65 101 8 605 13 716 25	39 60 5 135 7 788 23	95 136 13 099 18 771 41	38 50 5 013 6 524 18	123 242 16 759 32 901 61
200 to 455	1982 number, 1987 1982	60 7 846 16 278	50 4 487 13 865	34 5 863 9 569	62 7 117 18 089	39 6 721 12 293	55 10 432 15 501	28 6 005 8 644	103 18 571 31 198
500 or more	farms, 1987 1982 number, 1987 1982	6 8 5 475 4 986	6 8 5 659 7 718	5 5 3 088 3 575	14 28 27 902 42 246	7 12 9 853 10 384	6 9 9 4 941 6 805	4 8 2 650 5 322	28 33 27 989 30 955
Cows and heifers that had celved	farms, 1987 1982 number, 1987 1982	459 525 19 892 24 908	277 354 10 236 14 380	305 408 10 452 14 433	236 308 8 591 12 182	140 194 3 907 5 491	489 579 16 745 20 098	123 204 3 868 6 321	517 695 17 459 27 686
Beef cows	1982 number, 1987	444 500 19 008	272 347 9 933 13 931	279 361 9 011	184 250 6 869	85 122 2 376 3 713	480 567 16 455	103 175 3 178 5 474	481 630 15 644
1987 farms by inventory:	1982 ferms	23 842 57	29	12 558 62	10 148 37	25	19 649 62	26	24 400 67
10 to 19		278 77	147 59	302 } 64	170 49	115 30	300 115	117 29	67 326 133 1 895
20 to 49	number farms number	1 090 187 5 917	881 114 3 596	926 97 3 018	734 61 1 878	398 15 436	1 597 191 5 849	386 30 962	1 895 186 5 589
50 to 99	number number	5 917 82 5 555	3 596 54 3 477	42 2 742	30 1 804	11 712	5 734 j	14 933	76 4 983
100 to 199	ferms	33 3 887	15 (D)	13 (D)	4 478	3 (D)	24 (D)	2 (D)	17 (D)
200 to 499	number	7 (D)	(D)	(D)	2 (D)	(D)	(D)	(D)	(D) 2 (D)
500 or more	number	(D)	-	Ξ	(D)	=	=	-	Ξ
Milk cows	1987 1982 number, 1987 1982	29 52 884 1 066	14 27 303 449	36 84 1 441 1 875	62 74 1 722 2 014	60 84 1 531 1 778	19 29 290 449	22 42 690 847	61 98 1 815 3 286
1987 farms by inventory: 1 to 9	farms	11 36	8 16	9 (D)	5 11	8 50	11 20	-	24 59
10 to 19		(D)	1 (D)	(D) (D)	15 193	7 103	4 55	(D)	8 105
20 to 49		9 296	(D) 2	11 350	33 1 008	41 1 138	2 (D)	17 (D)	13 421
50 to 99	number	390 6	(D)	11 661	9 510	4 240	(D)	178	12 765
100 to 199	number	1 (D)	1 (D)	3 381	-	-	-	-	4 465
200 to 499		-	-	-	-	-	-	-	-
500 or more	number	-	-	Ξ	=	=	-	-	=
Heifers end heifer calves	farms, 1987 1982 number, 1987 1982	365 458 9 678 12 299	251 368 7 639 11 757	288 390 6 305 9 901	297 395 19 224 37 177	211 275 10 630 16 936	474 582 11 863 14 886	145 238 6 616 9 532	570 793 33 233 39 028
Steers, steer calves, bulls, and bull calves	ferms, 1987 1982 number, 1987 1982	453 526 11 871 15 098	315 438 11 709 23 737	334 429 10 076 13 578	329 434 26 618 38 089	215 292 14 887 16 846	535 655 17 378 27 553	184 294 8 395 14 719	658 922 34 900 58 177

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

[For maaning or appreviations and symbols, see it	ntraductary text								
Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shalby
INVENTORY									
Cattle and calvesn	farms, 1987 1982 umber, 1987 1982	211 310 17 817 27 851	288 420 14 334 21 532	772 1 020 73 730 112 964	649 773 52 353 69 472	511 602 52 034 68 204	340 516 51 204 83 948	398 499 30 430 43 415	593 792 49 837 78 145
Farms by inventory:	farms, 1987 1982 umber, 1987	42 48 208	53 96 252	90 103 465	56 56 285	30 29 154	30 39 155	62 68 313	35 57 166
10 to 19	1982	252 31 42 450 582	486 61 80 807 1 098	502 103 118 1 480 1 678	312 58 62 825 868	139 34 39 484 572	200 38 44 543 620	373 55 69 787 906	166 289 59 67 807 921
20 to 49nı	1982 umber, 1987	59 87 1 841	89 131 2 714	202 266 6 705	173 172 5 957	132 139 4 444	87 146 2 921 4 740	107 126 3 256	199 208 6 731
50 to 99nı	1982 farms, 1987 1982 umber, 1987 1982	2 758 34 54 2 420 3 780	4 240 49 56 3 224 3 881	8 676 165 205 11 452 14 612	5 905 185 245 12 852 17 361	4 572 137 159 9 774 11 267	72 102 4 965 7 185	4 014 87 99 (D) 7 083	7 065 155 236 10 809 16 391
100 to 199ni	farms, 1987 1982 umber, 1987 1982	24 46 3 444 6 310	24 40 3 038 (D)	127 185 16 830 25 078	125 160 16 532 22 015	107 143 14 304 19 962	49 90 6 941 12 106	49 78 (D) 10 371	94 144 11 646 19 703
200 to 499п		16 26 4 620 8 385	(D) 11 15 (D) 4 347	70 113 20 951 33 964	46 70 12 308 17 653	63 81 17 388 22 210	42 59 11 501 16 568	34 50 10 354 14 648	38 59 9 941 16 934
500 or more	farms, 1987 1982 umber, 1987 1982	5 7 4 834 5 784	1 2 (D) (D)	15 30 15 847 28 454	6 8 3 594 5 358	8 12 5 486 9 482	22 36 24 178 42 529	4 9 3 403 6 020	12 21 9 737 16 832
Cows and heifers that had calvedn	farms, 1987 1982 umbar, 1987 1982	118 173 2 815 3 859	227 315 6 096 7 516	580 742 20 545 25 219	537 672 20 335 27 905	469 550 25 966 31 007	245 354 9 833 15 783	295 350 8 864 11 741	442 597 14 292 21 362
Beef cowsnu	1982 umber, 1987	113 160 2 523	216 299 5 690 6 805	568 713 19 993 23 981	521 647 19 196 26 482	461 541 25 326 29 877	229 326 8 852 14 431	261 297 6 533 8 703	420 585 13 600 20 434
1987 farms by inventory:	1982 farms number	3 366 41 215	69 368	122 640	73 406	40 197	50 258	77 443	52 289
10 to 19	number.	32 424	63 855	120 1 620	84 1 195	60 875	45 623	75 1 018	101 1 450
20 to 49	number	32 977 5	56 1 693 19	201 5 950 89	225 6 907 112	177 5 710 114	83 2 527 37	83 2 630 17	186 5 642 63
	number	409	1 238	5 711	7 057	7 463	2 624	1 045	3 854
100 to 199	number	(D)	6 645	30 3 817	25 (D)	58 7 094	10 1 261 3	8 (D)	16 (D) 2
200 to 499 500 or more	number	(D) - -	891 - -	5 (D) 1 (D)	(D) -	(D) 1 (D) 1 (D)	(D) 1 (D)	(D) -	(D) -
Milk cows	farms, 1987 1982 umber, 1987	10 20 292	14 23 406	24 49 552	40 60 1 139	23 45 640	30 35 981	40 66 2 331	26 48 692
1987 farms by inventory:	1982	493	711	1 238	1 423	1 130	1 352	3 038	928
10 to 19	number farms	3 2	(D) 1	20 -	45 2	25 -	8 6	(D)	4 3
20 to 49	number farms number	(D) 3 83	(D) 9 319	7 217	(D) 18 547	4 133	73 10 363	(D) 17 552	18 (D)
50 to 99		2 (D)	(D)	5 315	6 397	7 482	(D)	11 768	36 18 (D) 2 (D)
100 to 199	farms number	-	-	-	1 (D)	-	2 (D)	5 629	-
200 to 499500 or more	number	-	- - - -	- - -	-	-	-	1 (D)	=
Heifers and heifer calvesn	farms, 1987 1982 umber, 1987 1982	141 215 7 114 9 899	202 298 3 774 5 043	618 805 24 242 34 773	512 606 13 504 16 587	400 472 11 173 14 988	257 385 17 543 26 969	304 360 9 949 13 656	430 608 11 237 19 617
Steers, steer calves, bulls, and bull calves	tarms, 1987 1982 umber, 1987 1982	163 235 7 888 14 093	239 375 4 464 8 973	676 916 28 943 52 972	584 713 18 514 24 980	461 547 14 895 22 209	279 451 23 828 41 196	336 420 11 617 18 018	535 715 24 308 37 168

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introdu	ictory text]								
item		Sioux	Story	Tama.	Taylor	Union	Van Buren	Wapello	Warren
INVENTORY									
Cattle and calvesfarms	1987 1982 1987 1982	894 1 196 178 525 213 834	266 375 20 355 29 505	702 862 47 664 64 379	513 632 40 041 56 555	479 568 45 072 58 920	475 588 29 876 39 286	477 550 25 907 31 419	785 918 47 405 60 031
Farms by inventory: 1 to 9farms number	1987 1982 1987 1982	68 76 335 437	46 63 244 303	67 66 350 340	37 39 167 193	58 51 293 265	41 57 227 301	81 83 435 383	118 117 596 632
10 to 19farms		87 80 1 164 1 144	40 46 571 635	94 102 1 326 1 464	41 44 580 616	46 42 626 591	71 72 1 019 1 102	86 86 1 189 1 196	127 141 1 801 1 997
20 to 49farms	1987 1982 r, 1987 1982	172 232 5 662 7 645	72 117 2 280 3 783	226 254 7 346 8 723	150 174 5 076 5 831	130 134 4 304 4 407	174 197 5 827 6 310	156 197 4 881 6 368	234 263 7 588 8 406 178
50 to 99farm:		171 243 12 051 16 560	60 73 3 994 5 147	182 249 13 142 17 143	160 183 11 058 13 156	94 141 6 855 10 127	99 152 6 992 10 800	93 98 6 170 6 793	178 219 12 297 15 004
	1982 r, 1987 1982	166 272 22 171 37 384	27 41 3 730 5 455	102 137 13 976 18 483	85 138 11 650 19 099 38	99 128 13 506 17 571 44	64 78 8 451 (D) 25	42 63 5 577 8 435 16	94 129 12 877 17 326 30
200 to 499farm:	1982 1982 1982	153 208 46 319 63 703	16 26 4 939 7 083	24 46 6 651 13 051	46 (D) 12 190	64 12 203 18 341	31 (D) 8 881	20 4 990 5 896	43 8 097 11 427
500 or morafarm:	s, 1987 1982 r, 1987 1982	77 85 90 823 86 961	5 9 4 597 7 099	7 8 4 873 5 175	2 8 (D) 5 470	8 8 7 285 7 618	1 (D) (D)	3 3 2 665 2 348	4 6 4 149 5 239
Cows and heifars that had calvedfarm. numbe	s, 1887 1982 r, 1987 1982	405 579 18 660 24 034	183 251 4 750 6 483	569 695 18 354 23 689	461 564 18 377 24 549	431 493 20 855 25 192	447 536 15 179 19 305	417 472 11 994 14 356	692 811 21 747 27 105
Beef cowsfarm.	s, 1987 1982 r, 1987 1982	232 329 9 256 12 512	169 236 3 917 5 773	526 651 16 517 21 684	455 555 18 185 24 202	422 485 20 631 24 877	426 510 14 685 18 550	400 455 11 360 13 801	665 767 20 514 24 915
1987 farms by inventory:	farms	60	50	85	53 233	66 289	67 347	115 592	154 832
10 to 18	number \	305 52 735	285 49 668	443 138 1 933	87 1 257	79 1 115	98 1 377	104 1 439	149 2 065 241
20 to 49	number	70 2 120 29	57 1 733 10	200 6 058 83	193 6 228 90	136 4 456 96	163 5 066 78	134 4 162 31	241 7 415 88
	number	1 948	657	5 181	5 945	6 681	5 168	2 009	5 543
200 to 499	number farms number	13 1 745 7 (D)	1 (D) 2 (D)	16 1 983 4 919	30 (D) 1 (D)	36 4 899 8 (D)	18 (D) 2 (D)	11 1 458 4 (D)	29 3 719 4 940
500 or more	number	(D)	-	=	(D)	(D)	=	(D)	=
	s, 1987 1982 er, 1987 1982	185 272 9 404 11 522	15 19 833 710	64 81 1 837 2 005	24 40 192 347	24 31 224 315	40 68 494 755	30 46 634 555	45 80 1 233 2 190
1987 farms by inventory: 1 to 9	_ farms number	16 49	3 14	15 33	18 (D)	16 (D)	24 75	14 32	19 (D)
10 to 19	_ farms number	17 238	-	9 113	(D)	(D)	8 111	(D)	(D) 17
50 to 99	number	89 3 015 45 3 086	9 284 2 (D)	30 981 9 (D)	90 1 (D)	166	(D) (D)	289 2 (D)	607 7 448
100 to 189	_ farms number	14 1 805	-	1 (D)	-	-	-	1 (D)	1 (D)
200 to 499 500 or more	_ farms number	1 211	1 (D) -	- - -	=	=	= =	=	-
Haifers and heifar calvasfarm	is, 1987 1982 er, 1987 1982	640 879 72 525 90 758	209 284 7 620 9 214	505 668 10 748 17 420	423 507 9 780 13 033	364 451 10 435 14 021	367 460 6 957 9 124	386 456 5 866 7 880	607 774 13 254 16 422
Steers, steer calvas, bulls, and bull calvesfarm number	ns, 1987 1982 ar, 1987 1982	691 956 87 340 99 042	231 317 7 985 13 808	610 773 18 562 23 270	466 577 11 884 18 973	420 510 13 782 19 707	423 533 7 740 10 857	415 498 8 047 9 183	693 805 12 404 16 504

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

Item	:	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY									-
Cettle and calves		481	509	231	158	1 217	596	228	143
	1982 number, 1987 1982	603 30 074 43 737	610 44 170 60 563	360 12 135 22 155	221 9 127 12 674	1 388 103 658 124 739	648 74 222 106 604	298 13 566 17 245	212 8 914 18 555
Ferms by inventory:	farms 1987	51	35	60	30	65	61	45	30
	1982 number, 1987	73 247	38 157	83 316	39 145	70 335	69 283	58 265	33
10 to 19		303 52	232 47	406 33 63	208 20	387 103	345) 75	273 26	134 158 27 33 367
	1982 number, 1987 1982	66 764 905	46 678 629	441 872	38 271 528	95 1 458 1 359	87 1 062 1 238	47 365 706	33 367 465
20 to 49	farms, 1987 1982	155 172	131 142	67 102	50 57	284 290	167 221	82 84	52 78
	number, 1987 1982	5 036 5 612	4 323 4 917	2 035 3 326	1 686 1 865	9 245 8 844	5 443 7 457	2 627 2 839	52 78 1 639 2 517
50 to 99	1982	142 160	130	38 51	35 48	357 453	143 205	42 64	7 27
	number, 1987 1982	9 965 11 269	9 092 12 256	2 472 3 575	(D) 3 164	25 373 32 294	10 016 14 375	3 119 4 366	548 1 836
100 to 199	1982	60 84	123 151	26 34 3 540	19 29	323 375	83 122 (C)	25 28	15 19
200 to 499	number, 1987 1982 farms, 1987	8 223 10 912 21	16 316 20 437 41	4 585 4 585	2 440 3 775 3	43 118 50 229 81	(D) 16 276 38	3 374 (D) 7	1 998 2 630 8
	1982 number, 1987	44 5 839 12 507	50 (D)	23 1 168 6 300	10 (D) 3 134	102 18 950 27 594	105 (D)	16 (D) 3 917	18 2 381
500 or more	1982	12 307	14 446	3 300	2	27 584	28 896	3 917	4 664
300 of more	1982 number, 1987	4 -	10 (D)	4 2 163	(D)	3 4 178	39 35 958	1 (D)	8 1 837
Course and helders that had called	1982	2 229	7 646	3 091	-	3 032	37 017	(D)	4 285
Cows and heifers that had calved	1982 number, 1987	383 478 11 752	447 553 21 243	161 278 3 836	109 155 2 879	988 1 219 42 316	449 616 16 533	169 217 4 012	64 109 1 588
	1982	16 474	29 448	6 918	4 443	51 367	29 175	6 942	2 874
Beef cows	farms, 1987 1982 number, 1987	334 419 10 748	439 536 20 557	157 262 3 638	68 109 1 479	522 641 16 017	429 592 16 182	150 180 2 902	55 101 1 313
1987 farms by inventory:	1982	15 361	28 446	6 458	2 892	21 175	28 112	5 365	2 347
1 to 9	number	51 295 73	38 204 66	59 285 34	18 89 22	83 459 134	72 401 98	42 187 49	22 120 16 216
20 to 49	number	1 034	986 167	471 49	279 29	1 916 213	1 369 172	651 50	11
50 to 99	number farms	4 577 48	5 360 127	1 390 12	(D)	6 560 73	5 437 58	1 443 8	(D)
100 to 199	number	2 966	8 438	832	(D)	4 570	3 753	(D)	(D)
200 to 499	number	11 (D)	4 380	(D)	- 1	16 1 859 3	21 2 800 6	(D)	(D)
500 or more	number farms	(D)	1 189	(D)	(D) -	653 -	(D) 2	-	(D)
A CO	number	-	-	-	-	-	(D)	-	-
Milk cows	farms, 1987 1982 number, 1987	64 84 1 004	23 49 686	9 24 198	48 61 1 400	570 743 26 299	32 54 351	29 50 1 110	9 11 273
1987 farms by inventory:	1982	1 113	1 002	460	1 551	30 192	1 063	1 577	327
1 to 9	number	24 54	(D)	4 6	4 18	32 120	22 53	(D)	(D)
10 to 19	number	18 247 20	3 (D)	(D) 2	13 206 24	37 496 274	3 46 5	10 (D)	(D)
50 to 99	number	(D) 2	340	(D) 2	24 729 7	9 602 200	(D) 2	318 3	2 (D) 2 (D) 2 (D) 3 189
	number	(D)	281	(D)	447	12 750	(D)	236	189
100 to 199 200 to 499	number	-	-	-	-	24 2 670	-	4 421	-
500 or more	number		-	-	-	661 -		-	=
	number	-	-	-	-	-	-	-	-
Heifers and heifer calves	1982 1982 number, 1987	385 483 8 045	402 485 10 729	175 286 3 163	132 167 3 108	996 1 206 31 541	463 650 24 017	178 230 3 769	98 160 4 002
	1982	11 417	14 575	6 557	3 649	35 781	27 254	4 152	4 734
Steers, steer calves, bulls, and bull calv	1982	431 525	451 546	203 317	129 183	1 037 1 186	536 750	204 269	113 170
	number, 1987 1982	10 277 15 846	12 198 16 540	5 136 8 680	3 140 4 582	29 801 37 591	33 672 50 175	5 785 6 151	3 328 9 147

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

Item							
	lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Banto
SALES							
Dairy products sold farms, 1987	7 048	28	9	436	24	14	58
1982 \$1,000, 1987 1982		45 1 051 1 377	15 230 491	491 29 620 28 957	26 680 923	28 492 946	7: 3 210 3 85
Cettle and calves sold farms, 1987	50 509	679	471	878	664	421	69:
1982 number, 1987	62 765 3 539 020	822 38 670	562 25 871	983 40 002	685 28 979	571 41 064	851 62 164
1982_ \$1,000, 1987_	4 595 676 2 124 641	48 497 22 192	35 089 13 645	44 254 19 271	27 867 12 051	60 235 25 608	56 690 40 870
1982 1987 ferms by number sold:	2 500 175	23 897	17 915	17 904	9 742	34 965	31 39
1 to 9 farms number_	9 997 50 706	88 434	67 421	94 529	145 723	68 361	15 75
10 to 19 farmsnumber	10 678 149 712	124 1 788	91 1 318	171 2 410	115 1 595	60 816	14 2 11
20 to 49 farmsnumber	. 505 387	259 8 105	173 5 525	363 11 393	234 7 711	147 4 847	7 30
50 to 99ferms_number_	7 185 487 377	120 8 350	5 937	166 11 216	7 914	69 4 688	7 5 16
100 to 199 farms	3 336	56	35	61	41	31	3
number	2 052	(D) 27	4 482	7 708 22	5 026	4 281 26	4 103 29 7 52
number	1 022	(D) 5	3 422	(D)	3 025	6 896 20	1:
number	1 293 655	5 359	4 766	(D)	2 985	19 175	35 19
Calves sold farms, 1987 1982	16 116 21 612	193 290	161 205	373 453	354 383	98 148	179 250
number, 1987_ 1982_	355 396 494 753	4 777 7 467	4 844 6 600	8 210 11 152	9 517 10 331	2 215 4 710	250 2 750 5 200
\$1,000, 1987_ 1982_	101 352 122 433	1 628 2 049	1 570 1 733	2 246 2 475	2 850 2 677	725 1 278	81: 1 29
1987 farms by number sold: 1 to 9 farms	6 057	62	33	96	124	42	7
number_ 10 to 19 farms_	26 638	238	157 45	471 127	492 77	168 18	29 5
number_ 20 to 49 farms_	59 443	610 66	626 54	1 721 120	1 048 112	229	780 4
number_ 50 to 99	125 659	1 890 16	1 661 22	3 356	3 592	672 13	1 05
number_		1 185	1 546	1 379	2 263	(Ö)	(0
100 to 199 farms number_		4	7 854	1 283	300	-	(D
200 to 499 farms	. 81	(D) 1	-	7 203	4	1	(0
number	29	(D) - -	-		(D) 1 (D)	(D) - -	•
Cattle sold farms, 1987	43 833	592	396	768	501	369	618
1982_ number, 1987_	53 792 3 183 624	698 33 893	458 21 027	832 31 792	515 19 462	500 38 849	75- 59 41
1982 \$1,000, 1987	4 100 923 2 023 290	41 030 20 564	28 489 12 075	33 102 17 025	17 536 9 200	55 525 24 883	51 481 40 06
1987 farms by number sold:	2 377 742	21 848	16 181	15 430	7 065	33 687	30 10
t to 9 farms numbernumber	10 808 50 980	95 395	89 515	155 808	157 686	64 360	160 76
10 to 19 farmsnumber	8 851	115 1 626	64 912	157 2 174	78 1 029	44 612	111 1 679
20 to 49 farms	122 463 12 448	204 6 447	131 4 083	252 7 787	143 4 590	133 4 428	190 5 970
number	5 856	98 6 846	4 063 72 4 787	132 8 860	87 6 105	54 3 740	7 4 78
100 to 199	2 967	51	24	55	24	30	29
100 to 199 rarms	. 398 311	(D) 24	3 153	6 976 16	2 949	4 271 24	3 789 24
200 to 499 rarms	569 886	(D)	2 890	(D)	2 203	6 288 20	7 310 11
number		5 359	4 687	(D)	1 900	19 150	35 10
Cattle fattened on grain and concentrates sold farms, 1987	22 503	305	144	213	101	237	356
soid	. 28 535	397 22 410	214 11 638	216 12 367	106 3 992	331 33 228	459 50 72
1987 1982 \$1,000, 1987	3 140 912	27 733 14 874	18 149 7 991	12 687 7 895	4 309 2 260	42 795 22 295	42 172 35 574
1987		16 393	11 967	7 113	2 371	27 677	26 000
1 to 9 farms number number	4 447 20 705	34 145	21 105	32 155	34 144	32 184	64 304
10 to 19 farms number	. 3 847	36 518	16 236	37 510	17 256	26 359	69 992
20 to 49 farmsnumber	6 270	112 3 588	58 1 823	71 2 204	19 572	78 2 654	113 3 458
50 to 99farms number	3 433	66 4 681	26 1 786	41 3 029	20 1 298	2 634 38 2 639	4 033
100 to 199 farms_		37	10	20	6	24	17
number_ 200 to 499 farms	278 518	5 249 15	1 184	2 528 11	643 5	3 453 20	2 19 1 21
number_ 500 or more farms_	477 160	4 220	1 817 6	(D)	1 079	5 454 19	6 400 13
number_		4 009	4 687	(D)	-	18 485	33 343

Table 11. Cattle and Caives—Inventory and Sales: 1987 and 1982—Con.

Item	Bleck Hawk	Boone	Bremer	Buchenen	Buena Vista	Butler	Celhoun
SALES							
Dairy products sold ferms,	1987 81	13	242	248	13	110	3
\$1,000,	1982 116	21 517 773	297 12 875 14 420	262 7 327 7 497	11 573 865	166 4 529 6 298	10 137 359
Cattle and calves sold farms,		318	543	646	242	562	247
number, \$1,000,	1982 23 601	445 23 077 31 776 14 859 18 409	687 19 257 19 971 10 664 10 464	718 29 072 30 409 16 911 16 930	380 34 767 43 961 23 767 27 429	750 25 773 30 817 16 683 16 587	403 25 467 49 917 16 338 28 124
1987 ferms by number sold:		89	140	207	59	120	60
	mber 637	412 . 71	699 156	1 073	304 37	591 158	295 52
20 to 49		985 78	2 175 170	2 629 146	527 50	2 202 180	295 52 893 65 1 944
50 to 99	mber 3 082 farms 50 mber 3 536	2 475 25 1 872	5 071 50 3 199	4 375 43 2 881	1 517 38 2 640	5 487 58 3 928	1 944 28 1 970
					2 640		
100 to 199nu	mber 2 107	23 2 972	16 2 309	36 5 045	3 205	3 300	1 431
	mber 3 057	6 819	2 280	16 4 406	7 339	4 257	13 3 696
	imber 3 090	7 542	3 524	8 663	19 235	6 010	16 15 438
Calves sold farms,	1987 119 1982 148	76 109	212 286	279 257	27 62	139 237	58 102
number,	1987 2 716 1982 2 356	964 2 356	3 064 3 167	3 574 3 151	783 1 499	2 316 3 786	1 153 2 187 348
\$1,000, 1987 farms by number sold:	1987 831 1982 540	295 602	455 496	793 726	192 472	556 796	349 569
1 to 9	mber 251	44 156	89 423	165 785	10 35	62 253	22 78
10 to 19nu	mber 372	18 245	71 906	70 928	9 115	48 685	22 78 14 167 16 467
20 to 49	mber 770	12 (D)	46 1 287	95 964	103	21 520	16 467
50 to 99nu	farms 5 imber (D)	(D)	5 (D)	376	(D)	5 390	5 (D)
100 to 199		1 (0)	1 (D)	4 521	2	2	1
200 to 499	mber_ (D) farms_ –	(D) - -	(0)	321	(D) 1 (D)	(D) 1 (D)	(D)
500 or more	farms 1 Imber (D)		-	-	-	-	-
Cettle sold farms,		290	489	537	230	509	217
number,		401 22 113 29 420	616 16 193	631 25 498	356 33 984	662 23 457 27 031	344 24 314
\$1,000,		14 564	16 804 10 209	27 258 16 117	42 462 23 596	16 128	47 730 15 989 27 555
1987 farms by number sold:	1982 12 297	17 807	9 968	16 204	26 957	15 791	
	mber 589	94 429	173 786	214 979	61 311	130 648 132	60 292 47
10 to 19	mber 1 400	52 725	131 1 752	135 1 788	34 499	1 783	608 50
20 to 49	mber 2 164	67 2 092	119 3 435	3 020	1 326	152 4 719	1 499 21 1 576
	farms 44 imber 3 101	22 1 670	43 2 634	34 2 241	38 2 657	55 3 688	1 578
100 to 199	mber 2 056	24 3 092	12 1 782	33 4 651	22 3 120	19 2 558	11 1 485
200 to 499	farms 9 Imber (D)	22 6 563	7 2 280	17 4 856	22 6 836	14 4 051	12 3 416
500 or more	farms 2 imber (D)	9 7 542	3 524	7 963	11 19 235	6 010	16 15 438
Cattle fattened on grain and concentrates					.=.		
sold farms,	1982 301	172 243	244 297	272 339	171 279	331 384	128 236
number,	1982 16 402	18 196 24 757	11 179 11 248	18 978 21 547	30 384 38 353	18 668 21 600	21 194 41 408
\$1,000,	1987 7 175 1982 10 059	12 718 15 474	7 473 7 224	12 889 13 753	21 733 24 980	13 531 13 3 57	14 538 24 756
1987 farms by number sold: 1 to 9		50	74	83	39	82	35
10 to 19		222 27	336 65	375 53 708	183 24	433 79	163 14
20 to 49	rmber 748 farms 48	376 32	880 67	l 60	349 36	1 066 97	171 28 853
50 to 99	mber_ 1 350 farms_ 31 mber_ 2 208	1 024 16 1 302	2 033 20 1 241	1 793 25 1 656	1 205 24 1 641	3 043 39 2 744	16 1 162
100 to 199		18	8	31	19	14	9
200 to 499	imber 1 248 farms 8	2 352 21	1 105 6	4 411 16	2 710 19	(D) 15	1 233 12
500 or more		6 228 8	2 060	4 572	5 968 10	(D) 5	3 466 14
п	ımber (D)	6 692	3 524	5 463	18 328	4 988	14 146

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of appraviations and symbols, see introductory text]	т			1			
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
SALES							
Dairy products sold farms, 1987	20	20	35	24	45	163	6
1982 \$1,000, 1987 1982	34 646 (D)	41 896 1 379	63 1 663 2 846	18 934 792	47 1 724 1 840	189 7 775 7 454	12 268 409
Cattle and calves sold farms, 1987	597	534	520	226	499	535	513
1982 number, 1987 1982 \$1,000, 1987	793 108 144 156 944 67 065	694 45 482 57 001 28 169	615 32 732 36 970 20 473	318 9 038 15 178 5 684	690 61 876 86 871 39 977	643 31 751 32 391 19 660	571 21 329 26 742
1982 1987 farms by number sold:	91 858	30 968	21 454	8 285	56 014	17 822	9 629 10 379
1 to 9 farms number	65 308	82 334	100 556	74 336	68 355	119 657	79 402
10 to 19 farms number	88 1 247	83 1 248	105 1 468	47 648	86 1 192	130 1 841	90 1 222 206 6 505 108
20 to 49 farms number	182 5 607	192 6 008	138 4 296	69 2 131	143 4 324	181 5 388	206 6 505
50 to 99 farms number	103 7 014	95 6 810	107 7 278	20 1 341	78 5 214	55 3 733	108 7 011
100 to 199farms	61	42	41	10	53	23	18
number 200 to 499farms	8 458 58	5 975 22	(D) 25	1 330	6 981 48	3 081	2 355 10
number	16 765 40	6 702 18	(D)	725	14 089 23	5 373 11	(D)
number	68 745	18 405	5 425	2 527	29 721	11 678	(D)
Calves sold farms, 1987 1982	102 163	154 195	113 182	47 84	87 131	169 223	244
number, 1987	5 966	3 848	1 953	613	1 903	2 929	275 6 936
1982 \$1,000, 1987 1982	7 937 2 170	4 854 1 165 1 353	3 198 547 851	1 693 175	3 205 618	3 612 534	7 330 2 283
1987 farms by numbar sold: 1 to 9farms	2 421	51	34	431	969	863 68	1 878
number	90 28	223	148 43	125	143 28	297	277
20 to 49farms_	389 34	563 46	560 30	11 156	388	56 767 36	683 87
50 to 99	(D)	1 394	848 6	(D)	18 514	950	2 663
number	(D)	11 728	397	(D)	236	6 357	36 2 226
100 to 199 farms	3	_6	_	_	4	_2	8
number	319	(D) 1		_	622	(D)	1 087
number 500 or more farms number	895 3 3 126	(D) - -	-	-	-	(D) - -	-
Cattle sold tarms, 1987	545	460	471	204	462	488	396
1982 number, 1987	715 102 178	618 41 634	533 30 779	288 8 425	643 59 973	565 28 822	455 14 393
1982 \$1,000, 1987	149 007 64 895	52 147 27 004	33 772 19 926	13 485 5 509	83 666 39 359	28 779 19 126	19 412 7 346
1982 1987 farms by number sold:	89 437	29 616	20 603	7 854	55 045	16 958	8 501
1 to 9farmsnumber	62 298	84 309	100 524	72 295	66 351	139 708	106 449
10 to 19 farms number	84 1 216	78 1 150	88 1 215	34 471	73 1 035	122 1 659	67 934
20 to 49 tarms number	147 4 536	143 4 530	121 3 873	66 2 067	131 3 971	132 3 932	140 4 304
50 to 99 farms number	100 6 739	78 5 641	94 6 394	17 1 175	72 4 724	51 3 396	62 3 999
100 to 199 farms	60	37	39	10	52	18	10
number	8 262 56	5 309 22	(D) 25	(D)	6 814 45	2 526 15	1 407 10
number 500 or morefarms	16 300 36	6 498 18	(D)	(D) 3	13 357 23	5 023 11	(D)
number	64 827	18 197	5 425	2 527	29 721	11 578	(D)
Cattle fattened on grain and concentrates sold farms, 1987	375	284	340	136	311	269	118
1982 number, 1987	483 93 848	374 34 783	367 26 408	178 6 074	428 51 240	263 22 266	126 4 815
1982 \$1,000, 1987	134 875 61 040	40 607 23 591 25 121	26 919 17 905	9 483 4 209	71 244 34 833	20 924 15 707	126 4 815 7 616 2 981 4 046
1982 1987 farms by number sold:	82 642		17 527	5 948	49 096	12 741	
1 to 9 farms number	29 143	44 181	70 335	42 189	39 219	72 368	23 75
10 to 19 farms number	42 575	44 633	54 772	24 305	41 593	63 869	20 269
20 to 49farms number	93 2 853	73 2 365	76 2 450	48 1 439	87 2 729	63 1 842	45 1 368
50 to 99farms number	5 368	57 4 260	82 5 549	12 851	46 3 041	32 2 206	23 75 20 269 45 1 368 22 1 452
100 to 199farms	50	30	30	6	40	16	5
number 200 to 499 farms	6 906 49	4 390 19	(D) 24	808	5 150 38	2 277	694
number 500 or more farms	14 080 35	5 380 17	(D) 4	(D) 2	11 735 20	4 703 9	957
number	63 923	17 574	5 425	(D)	27 773	10 001	

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

Item	Clay	Clayton	Clinton	Crawford	Daltas	Devia	Decatur
SALES	J.L.	Oldyton	Similari	Gramord	Danas	Devia	Decator
Dainy readucts cold	10	690	50	44			4.5
Deiry products sold farms, 1987 1982	10 23	682 758	59 88	70	10	83 99	15 18
\$1,000, 1987 1982	210 700	41 947 41 643	3 511 4 301	1 369 2 055	343 (D)	2 032 3 080	778 827
Cattle and celves sold farms, 1987	274	1 287	688	791	397	837	498
1982 number, 1987	444 32 497	1 447 52 096	808 61 373	1 039 59 583	517 19 134	708 21 847	573 31 828 44 105
1982 \$1,000, 1987	53 776 20 793	54 879 24 903	73 059 38 945	76 775 35 785	34 354 11 787	25 758 9 673	44 105
1987 farms by number sold:	32 716	22 446	42 858	42 395	18 598	9 554	14 894 18 283
1 to 9 farms number	53 229	188 977	136 656	115 669	108 476	149 762	77 413
10 to 19 farmsnumber	53 732	322 4 519	124 1 649	151 2 172	102	156 2 173	91 1 338
20 to 49 farmsnumber	83 2 575	499 15 280	169 5 360	261 8 134	117 3 417	209 6 572	185 5 924
50 to 99 farms number	27 1 888	189 12 327	106 7 246	130 8 864	40 2 678	83 5 349	80 5 425
				0 004	2 0/0	3 343	5 425
100 to 199farms number	19 2 557	66 8 472	66 9 438	75 9 824	12 1 534	4 077	46 6 394
200 to 499 farms number	21 5 792	18 5 319	67 21 273	13 007	3 507	8 (D)	12 3 067
500 or morefarms number	18 18 724	5 5 202	20 15 751	16 16 913	6 109	(D)	7 9 2 8 7
Calves sold farms, 1987	58	699	95	190	133	334	228
1982_ number, 1987_	114 2 637	803 13 826	179 2 993	295 5 211	172 1 925	386 7 130	270 270 6 485
\$1,000, 1987	3 477 730	16 676 2 789	4 223 880	8 014 1 553	3 238 606	8 776 2 340	8 101 2 172
1987 farms by number sold:	896	2 864	1 021	2 144	870	2 161	2 174
1 to 9 farms number	21 99	223 1 113	35 127	67 286	74 288	137 872	68 309
10 to 19 farms	17	225 3 037	22	39 545	38	73	31
number 20 to 49 farms	241 13	211	317 28	55	502 14	1 040 91	448 82
number 50 to 99 farms	434 2	5 919 27	816	1 609 21	407 5	2 772 23	2 821 31
number	(D)	1 776	444	1 409	(D)	1 475	2 071
100 to 199 farms	1 (D)	11 (D)	1 (D)	7 (D)	(D)	10	5 (D)
200 to 499 farms	(D)	(D)	(D)	(D)	(D)	-	`_i (D)
500 or more farms number	(D)	-	(D)	-		-	-
Cattle sold farms, 1987	243	1 117	647	699	324	494	403
1982 number, 1987	400 29 860	1 207 38 270	719 58 380	916 54 372	457 17 209	564 14 717	447 25 343
1982_ \$1,000, 1987_	50 299 20 063	38 203 22 114	68 836 38 065	68 761 34 231	31 116 11 181	16 982 7 333	36 004 12 822
1982 1987 farms by number sold:	31 820	19 582	41 837	40 251	17 729	7 393	14 109
1 to 9 farms	51 209	310	136	112	95 405	168 754	97 488
10 to 19	41	1 603 312	642 112	594 136	76	115	79
number 20 to 49 farms	561 74	4 233 314	1 480 156	1 968 216	1 045 90	1 554 136	1 150 133
50 to 99farms	2 324	9 395	4 978 94	6 755 114	2 719 34	4 081 46	4 160 41
number	1 574	7 254	6 473	7 864	2 321	3 053	2 681
100 to 199 farms number	21 2 844	52 6 628	65 9 229	64 8 354	11 1 423	22 2 576	35 4 762
200 to 499 farms number	17 4 624	15 4 455	65 20 392	42 12 606	12 3 723	6 (D)	11 2 842
500 or more farms number	16 17 724	4 702	19 15 186	15 16 231	6 5 573	(D)	9 282
Cattle fattened on grain and concentrates							
Cattle fattened on grain and concentrates sold farms, 1987	150	342	476	420	165	101	73
1982 number, 1987	271 22 412	315 19 683	571 50 447	570 43 126 54 957	224 11 549 23 645	151 3 054	86 5 988 8 038
\$1,000, 1987	44 641 15 466	18 272 13 371	60 367 33 695 37 763	29 180	8 052	4 567 1 883	4 045 3 006
1987 farms by number sold:	29 328	11 334		34 342	14 645	2 488	
1 to 9 farms number	23 86	81 414	70 322	45 244	52 186	41 162	18 84 17
10 to 19farms number	24 349	73 1 071	78 1 035	1 203 1 205	33 465	21 278	255
20 to 49 farms number	1 444	96 2 963	3 675	125 4 032	1 171	21 694	18 547
50 to 99farms number	16 1 115	2 854	79 5 541	4 455	1 558	12 772	15 1 053
100 to 199farms	19	31	55	46	7	4	3
number 200 to 499farms	2 614 10	3 797 13	8 014 58	5 914 41	917 10	(D) 2	516 2
number 500 or morefarms	2 807 14	3 905	18 116 17	12 472	3 273	(D)	(D) 2 (D)
number	13 997	4 679	13 744	14 806	3 979	-1_	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meening of abbreviations and symbols, see introductory text]				I				
Item	Delewere	Des Moines	Dickinson	Dubuque	Emmet	Fayatte	Floyd	Franklin
SALES								
Dairy products soldfarms, 1987	516	15	22	612	2	407	45	26 47
1982 \$1,000, 1987 1982	555 32 549 30 027	12 1 137 767	18 1 146 926	647 46 212 41 150	(D) 173	25 100 25 345	65 1 613 2 425	47 927 1 568
Cattle end calves soldfarms, 1987	923 1 031	315 363	191 281	1 263 1 368	165	884 1 075	350	272
number, 1987 1982 \$1,000, 1987	42 255 44 110 22 261	13 062 16 527 7 553	30 767 47 635 20 381	71 118 70 656 37 927	229 14 643 26 934 9 587	38 513 52 622 20 348	450 16 366 21 562 10 582	417 17 784 38 050 11 741
1982 - 1987 ferms by number sold: 1 to 9	20 399	8 145	29 234	33 067	15 689	28 485	11 838	21 868
10 to 19	127 676 259	104 547 61	32 136 37	184 922 244	41 167 29	154 822 196	92 492 81	52 244 77
number 20 to 49 farms	3 656 334	851 83	496 50	3 389 511	402 44	2 825 341	1 122	1 059 73
number 50 to 99number number	9 929 120 7 814	2 394 36 2 424	1 446 28 1 886	16 133 196 13 070	1 386 24 1 531	10 802 124 8 288	3 113 40 2 649	2 202 31 2 120
100 to 199 farms	49	20	17	71	11	44	12	22
number 200 to 499	6 639 28	2 732	2 118 18	9 169 42	1 608	6 050 20	1 714	2 984 14
number	8 404 6	(D) 2	5 462	12 691 15	2 628	6 354 5	5 121	4 255
number	5 137	(D)	19 223	15 744	6 921	3 372	2 155	4 920
Calves soldfarms, 1987 1982	443 476	83 130	42 86	655 712	30 68	296 400	91 116	42 86 725 1 851
number, 1987 1982 \$1,000, 1987	7 632 8 145	1 109 1 974	820 1 878	14 668 16 158	596 2 383	7 086 6 591	1 394 2 067	725 1 851
1987 farms by number sold:	1 120 1 131	305 458	237 551	2 226 2 109	176 644	1 818 1 443	330 550	247 428
1 to 9 farms	135 616	44 184	16 73	174 786	17 65	99 416	40 178	21 81
10 to 19 farms	161 2 203	18 257	12 180	191 2 596	3 (D)	93	32 448	9
20 to 49 farms number	124 3 288	18 488	10 282	25 1 7 097	182	81 2 321	17 (D)	9 258
50 to 99 farms number	22 (D)	3 180	3 (D)	26 1 726	(D)	15 925	-	1 (D)
100 to 199 farms	ایر	-	-1	11	_1	4	.1	2
number 200 to 499farms	(D) -	-	(D)	(D) -	(D) -	544	(D)	(D)
number 500 or more	- - -	- - -	-	2 (D)	-	(D) 1 (D)	(D) - -	-
Cattle soldfarms, 1987	786	275	171	1 071	148	799	309	260 379
1982 number, 1987	899 34 623	304 11 953	226 29 947	1 151 56 450	205 14 047	937 31 427	415 14 972	17 059
1982 \$1,000, 1987	35 965 21 141	14 553 7 248	45 757 20 144	54 498 35 701	24 551 9 411	46 031 18 530	19 495 10 251	36 199 11 494
1987 farms by number sold:	19 268	7 687	28 682	30 959	15 045	27 042	11 288	21 437
1 to 9 farms number	1 140	93 465	38 159	260 1 272	31 127	190 1 024	98 492	60 301
10 to 19 farms number	229 3 120	55 778	28 372	268 3 647	27 377	175 2 437	61 852	68 930
20 to 49	183 5 411	66 1 929	1 032	306 9 408	1 263	281 8 796	80 2 423	66 1 890
50 to 99 farms number	6 042	2 059	25 1 681	128 8 584	1 558	6 123	2 625	1 997
100 to 199 farms	40 5 387	20 2 608	16 2 018	57 7 210	10 1 448	41 5 684	12 1 684	20 2 773
200 to 499 farms number	28 8 386	9 (D)	18 5 462	39 11 985	2 353	16 4 999	15 4 841	14 4 248
500 or morefarms number	5 137	(D) 2 (D)	19 223	13 14 344	2 353 7 6 921	2 364	2 055	4 248 3 4 920
Cattle fattened on grain and concentrates								
soldfarms, 1987 1982	336 368	144	114	493 529	105 148	384 393	209	177 262
number, 1987 1982 \$1,000, 1987	23 794 23 176	8 039 9 912 5 418	26 160 42 988 18 535	41 271 38 779 28 159	12 561 22 133 8 716	16 187 29 955 10 900	11 326 14 400 8 164	14 341 32 500 10 046 19 870
1987 1987 1982 1987 farms by number sold:	15 812 13 330	5 765	18 535 27 365	28 159 24 083	14 005	19 204	8 953	
1 to 9 farms by number sold: 1 to 9 farms number sold:	63 354	45 248	27 125	91 387	24 109	82 418	60 286	35
10 to 19 farms number	72 1 028	31 441	12	83	17	86	42 589	42 605
20 to 49 farms	81	27	161 26	1 180 147	249 26	1 221 136	55	45
number_ 50 to 99number number	2 496 59 4 052	842 19 1 276	726 16 1 076	4 591 88 5 733	754 15 996	4 112 42 2 886	1 675 25 1 619	35 162 42 595 45 1 269 24 1 668
100 to 199 ferms	31	14	. 11	_38	8	28	12	18
number 200 to 499 farms	4 285 25	1 923	1 498 14	4 736 33	1 199	3 832	1 661	2 597 10
number 500 or more farms	7 528	(D) 2	4 119 8	10 300	2 353	(D) 2	(D)	3 130
number	4 051	(D)	18 455	14 344	6 901	(D)	(D)	4 920

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

SALES	Harrison 18 36 358 1 064 509 671 34 964 33 611 18 857 15 510 83 399 88 1 203 186 5 975 78 5 237
Dairy products sold	36 358 1 064 509 671 34 964 33 611 18 857 15 510 83 399 88 1 203 186 5 975 78
\$1,000, 1987 48 4 4 588 20 6 6 54 40 43 30 2 1740 443 40 40 40 40 40 40 40 40 40 40 40 40 40	36 358 1 064 509 671 34 964 33 611 18 857 15 510 83 399 88 1 203 186 5 975 78
\$1,000, 1987 48 4 4 588 20 6 6 54 40 43 30 2 1740 443 40 40 40 40 40 40 40 40 40 40 40 40 40	36 358 1 064 509 671 34 964 33 611 18 857 15 510 83 399 88 1 203 186 5 975 78
1982 397 433 462 696 251 383 459 1982 31 562 20 913 45 363 2970 15 218 19 499 26 294 1982 39 825 41 623 42 865 47 695 34 448 27 626 52 512 519 1987 198	671 34 964 33 611 18 857 15 510 83 399 88 1 203 186 5 975 78
Number 1987 31 562 20 913 45 363 29 704 15 218 19 499 26 294 1900 1987 20 154 12 391 29 779 16 397 10 534 12 396 15 652 15 1000 1987 10 1000 1984 12 396 15 652 15 1000 1987 10 10 10 10 10 10 10 10 10 10 10 10 10	34 964 33 611 18 857 15 510 83 399 88 1 203 186 5 975 78
1987 farms by number sold:	83 399 88 1 203 186 5 975 78
Number 10 to 19	399 88 1 203 186 5 975 78
Number Series S	1 203 186 5 975 78
Number	5 975 78
100 to 189	5 237
Number 1 340 2 258 2 632 2 871 1 279 4 629 3 973	
Number 1 832 4 055 5 617 4 730 (D) 7 191 5 331	5 734
Celves sold	6 866 6 866
1982 161 144 110 273 50 77 110 1982 1487 2 094 3 952 5 290 2 318 909 1 319 1982 3 232 3 807 4 497 6 838 2 499 1 390 2 575 3 1,000, 1987 497 732 1 010 1 844 688 246 437 1982 860 1 041 1 136 1 738 475 361 781 1887 farms by number sold: 1 6 9	9 550
Number, 1987 1 487 2 094 3 952 5 290 2 318 909 1 31	128 243
\$1,000, 1987 497 732 1 010 1 844 688 246 437 1982 860 1 041 1 136 1 738 475 361 781 1987 farms by number sold: 1 to 9	4 689 6 136
1 to 9	1 079 1 724
10 to 19	45
20 to 49	193 39 527
50 to 99 farms	31 918
number (D) - (D) - 424 (D) 200 to 499	7
number (D) - (D) - 424 (D) 200 to 499	5
number - (D) (D) (D) - -	(D)
500 or more terms	- 1 (D)
Cettle soldfarms, 1987_	450 544 30 275
1982. 36 593 37 816 38 368 40 857 31 949 26 236 49 997 31,000, 1987. 19 657 11 660 28 769 14 553 9 846 12 140 16 125	27 475 17 778
1982 22 313 20 791 22 697 22 332 20 634 15 647 30 626 1987 farms by number sold:	13 786
1 to 9 farms.	82 386 72
10 to 19farms_	1 007 154
number 3 263 2 440 2 885 4 718 1 005 1 355 2 933 50 to 99	5 00 6
number 2 421 1 174 2 612 3 836 1 104 2 027 3 362	5 122
100 to 199ferms 10 15 18 16 10 29 26 number 1 340 2 004 2 494 2 180 (D) 4 185 3 608	38 5 315
200 to 499 farms 6 13 14 13 3 21 18 number 1 832 3 469 4 982 4 120 (D) 7 191 5 322	20 5 891
500 or more	7 548
Cattle fattened on grain and concentrates	
sold 109 128 227 146 85 191 236 1982 170 213 283 249 173 238 288 number, 1987 25 552 15 205 36 986 15 303 8 865 15 581 21 153	217 237 18 845
number, 1987 25 352 15 205 36 986 15 303 8 865 15 581 21 153 1982 32 211 27 939 29 605 28 231 24 701 21 357 43 880 1987 17 508 9 928 26 625 10 440 6 325 10 598 14 122	14 735 12 427
1982 20 636 16 823 18 547 17 421 15 810 13 499 27 899 1987 farms by number sold:	8 651
1 to 9 farms	29 136
10 to 19	29 411 63
20 to 49 farms_	63 2 074 50
number_ 1 410 695 2 170 1 224 690 1 318 2 408	3 510
100 to 199	26
200 to 499farms 3	
500 or more	3 541 14 4 350 6

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]								
Item	Henry	Howard	Humboldt	lda	łowa	Jackson	Jasper	Jefferson
SALES								
Dairy products sold	11	172	10	11	34	222	33	1,2
1982 1982	12 395 572	243 7 883 10 623	10 456 634	17 500 987	72 1 750 2 881	266 11 395 10 813	56 1 909 4 028	12 21 973 1 233
Cattle and calves soldferms, 1987	378	495	149	410	643	1 056	778	407
1982 number, 1987 1982 \$1,000, 1987	461 14 242 19 001 7 656	648 19 407 26 131 11 296	209 19 543 25 605 12 859	537 45 538 59 771 29 593	768 41 383 57 775 24 533	1 139 69 925 68 265 41 701	992 46 587 61 801 27 746	551 15 352 21 828 7 925
1982 1987 farms by number sold:	9 212	12 770	14 996	35 893	31 736	35 280	33 089	9 847
1 to 9 farms	100 502	105 565	31 159	62 308	80 395	165 839	141 715	95 478
10 to 19	82 1 100	120 1 660	34 504	63 910	136 1 942	203 2 866	179 2 551	98 1 384
20 to 49 farms number	107 3 271	172 5 187	31 926	104 3 355	239 7 447	373 11 872	233 7 280	126 3 926
50 to 99farms number	3 857	64 4 124	18 1 189	69 4 750	115 7 812	172 11 936	127 8 462	60 4 041
100 to 199farms number	21 2 604	23 3 012	11 1 828	55 7 705	39 5 116	84 10 842	48 6 278	19 2 575
200 to 499farms number	11 2 908	1 889	13 3 398	7 705 38 11 361	23 6 426	42 12 137	42 11 468	1 7
500 or morenumber	2 908	2 970	11 11 539	19 17 149	11 12 245	12 137 17 19 433	9 833	(D) 2 (D)
Calves soldfarms, 1987	151	153	31	61	185	308	194	149
1982 number, 1987	203 2 311	215 2 208	55 752	82 844	253 4 585	437 5 905	325 5 318	231 3 013
1982 \$1,000, 1987	3 707 680	3 307 540	2 575 274	2 171 267	6 367 1 450	10 108 1 553	7 761 1 334	4 267 928
1982 1987 farms by number sold: 1 to 8 farms	904	731	775 14	582	1 728	2 364	2 003	1 095
number 10 to 19 farms	337 43	296 42	58 9	131	267 58	479 87	273 61	54 283 49
number 20 to 49 farms	537 31	572 37	142	177 18	795 60	1 166 96	808 56	668 37
number 50 to 99farms	879 5	980	182	536	1 749	2 904 12	1 663	1 091
number	(D)	(D)	(D)	-	502	685	(D)	(D)
100 to 199farms number	-	1 (D)	2 (D)	-	3 (D)	5 671	1 (D)	1 (D)
200 to 499farms number	1 (D)	-		-	(D)	-	743	(D)
500 or more tarms number	-	-	-	-	1 (D)	-	1 (D)	-
Cettle soldfarms, 1987	300	437	132	382	555	923	684	338
1982 number, 1987	368 11 931	588 17 199	186 18 791	509 44 694	651 36 798	952 64 020	837 41 269	452 12 339 17 561
1982_ \$1,000, 1987_ 1982_	15 294 6 976 8 308	22 824 10 755 12 039	23 030 12 584 14 222	57 600 29 326 35 311	51 408 23 083 30 007	58 157 40 148 32 916	54 040 26 411 31 085	6 998 8 752
1987 ferms by number sold: 1 to 9 ferms_	87	101	27	61	95	169	163	101
number10 to 19farms	381 55	501	127 28	298 53	432 113	797 176	739 139	454 73
number 20 to 49 farms	756 80	1 505	401 29	770 90	1 594 177	2 449 296	1 974 182	1 030
number 50 to 99	2 461 48	4 306 54	826 15	2 905 67	5 513 102	9 383 150	5 668 107	2 764 50 3 382
number	3 252	3 437	1 024	4 652	7 014	10 632	7 039	3 382
100 to 199 farmsnumber	20 2 503	19 2 591	9 1 478	54 7 591	37 4 793	75 9 831	47 6 095	17 2 367
200 to 499farms number	10 2 578	7 1 889	13 3 396	38 11 329	21 5 764	40 11 495	39 10 721	5 (D)
500 or more farms number	-	2 970	11 11 539	19 17 14 9	10 11 688	17 19 433	9 033	(D) 2 (D)
Cettle fettened on grein and concentrates	440	205	00	077	225	502	205	152
aold	149 181 7 965	205 222 11 842	92 136 16 978	277 386 38 238	325 363 29 173	503 541 44 949	395 460 31 745	153 203 7 677
\$1,000, 1987 \$1,000, 1987	10 582 5 178	13 830 8 115	20 426 11 739	50 766 26 192	40 658 19 788	40 720 31 123	39 390 22 168	9 539
1987 farms by number sold:	6 351	8 139	12 934	32 168	25 357	25 446	24 761	4 876 5 389
1 to 9 farms	42 181	43 230	18 94	33 155	41 166	80 402	81 379	41 162
10 to 19 farms	15 200	43 605	18 250	35 493	47 683	78 1 120	67 956	22 318
20 to 49 farms	40 1 210	60 1 790	16 489	67 2 237	104 3 400	162 5 119	107 3 433	47 1 514
50 to 99terms number	28 2 030	31 2 025	12 835	47 3 353	74 5 115	86 6 326	64 4 285	22 1 540
100 to 199	14	17	6	42	30	51 6 567	37	16
number 200 to 499 farms	1 766 10	2 358	980 11	5 879 37	3 966 20 5 564	6 567 32 8 924	5 034 33 9 325	2 273 3 (D)
number 500 or more farms	2 578	1 864	2 944 1 11	11 057 16	5 564 9	8 924 14	9 325 6	(D) 2 (D)
number	-	2 970	11 386	15 064	10 279	16 491	8 333	(U)

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
SALES								Louisa	Locas
Dairy products sold	farms, 1987	121	133	8	67	31	106		0
,,	1982 \$1,000, 1987 1982	124 4 761 4 111	163 7 119 7 025	29 424 737	83 3 324 3 378	35 2 449 2 727	134 4 976 5 891	1 278 (D)	9 12 75 7 637
Cettle end calves sold		697	698	529	437	534	780	230	505
	1982 number, 1987 1982 \$1,000, 1987 1982	809 29 315 32 854 16 738 16 648	820 58 676 57 835 36 401 30 934	656 21 789 30 429 11 886	591 35 345 57 637 22 384 32 943	608 26 320 25 541 14 784	892 33 186 33 139 20 228	304 8 978 13 610 5 113	598 21 596 27 762 9 272
1987 farms by number sold: 1 to 9		180	125	13 946 104	104	13 018	17 582 253	7 179	11 063 90
10 to 19		912 172	645 115	579 119	531 92	558 128	1 251 209	218 60	477 113
20 to 49	number farms number	2 357 226 6 965	1 586 210 6 754	1 623 181 5 545	1 273 120 3 815	1 744	2 865 206	824 77	1 623 176
50 to 99	farms number	63 4 231	125 8 668	78 5 263	3 109	5 223 70 4 877	6 109 60 3 846	2 410 36 2 392	5 708 83 5 682
100 to 199	farms	35	63	37	35	20	35	10	31
200 to 499		(D) 15	6 730 36	4 886 8	4 584 28	2 817 28	4 744 13	1 265	4 067 11
500 or more	number 	(D) 6 6 555	10 752 24 21 541	(D) 2 (D)	7 748 14 14 285	8 974 3 2 127	3 749 4 10 622	(D) 1 (D)	(D) 1 (D)
Calves sold	number, 1987 1982 number, 1987 1982	241 351 3 550 5 415	153 234 3 495 5 608	196 271 4 218 5 754	109 132 2 683 4 138	192 224 3 912 3 699	224 328 3 015 4 174	63 77 1 427 1 552	246 299 6 557
	\$1,000, 1987 1982	1 015 1 303	935	1 237 1 566	589 1 220	1 248 908	765 933	465 386	8 086 2 078 2 066
1987 farms by number sold: 1 to 9	farms	111 475	59 236	73 369	47	76	120	20	71
10 to 19	number_	67 896	40 538	52 690	205 27 350	310 46 585	443 54 739	107 10 137	325 67 932
20 to 49	number.	52 1 457	43 1 221	51 1 527	26 763	55 1 638	40 984	28 785	77 2 349
50 to 99	number_	9 (D)	7 425	16 976	7 (D)	533	7 472	(D)	19 1 289
100 to 199	number	2 (D)	2 (D)	3 (D)	-	6 846	3 377	1 (D)	10 (D)
200 to 499	number	-	(D)	(D)	1 (D)	-	-	-	(D)
500 or more	number	-	-	-	(D)	-	-	~	-
Cattle sold	farms, 1987	605 651	647 713	409 511	386 545	456 502	688 781	199 273	399 471
	number, 1987 1982	25 765 27 439	55 181 52 227	17 571 24 675	32 662 53 499	22 408 21 842	30 171 28 965	7 551 12 058	15 039 19 676
1007 (\$1,000, 1987 1982	15 723 15 345	35 466 29 556	10 648 12 380	21 794 31 723	13 536 12 110	19 462 16 649	4 648 6 793	7 194 8 996
1987 farms by number sold: 1 to 9	farms	201	132	86	99	137	247	52	103
10 to 19		949 139	657 110	400 75	479 84	547 90	1 099 172	273 48	420 86
20 to 49	number farms	1 819 159	1 532 178	1 033 153	1 169 95	1 249 13 <u>1</u>	2 347	647 54	1 204 126
50 to 99	number tarms number	4 997 56 3 859	5 634 109 7 684	4 733 56 3 886	3 037 34 2 434	4 147 50 3 528	5 053 48 3 079	1 713 29 1 904	3 943 57 3 835
100 to 199		30	60	31	34	20	35	11	18
200 to 499		(D) 14	8 239 34	4 146	4 410 27	2 660 25	(D)	1 385	2 384 8
500 or more	number farms number	(D) 6 6 549	9 894 24 21 541	(D) 2 (D)	7 498 13 13 635	8 150 3 2 127	(D) 4 10 612	(D) 1 (D)	(D) 1 (D)
Cattle fattened on grain and concents		244	200	200	-				
sold	1987 1982 number, 1987	314 321 17 923	369 43 576	222 253 12 047	266 369	252 252 17 877	354 404	139 180	95 163
	1982 \$1,000, 1987	19 103 12 063	39 836 29 615	16 301 7 952	28 862 43 417 20 031	1/ 8// 16 602 11 550	23 528 22 018 16 089	5 985 9 307 3 894	163 6 090 8 827 3 416 4 872
1987 farms by number sold:	1982	11 931	24 298	9 164	27 527	9 959	16 089 13 782	5 606	
10 to 19	number	323 69	286 62	122 49	312 46	179 43	442 94	154 133	23 97 12 168 29 815
20 to 49	number farms	883 99	867 77	700 82	616 67	595 87	1 319	429 42	168 29
50 to 99	number	3 043 36 2 587	2 476 73 5 292	2 617 36 2 462	2 067 23 1 632	2 762 33 2 336	2 601 40 2 555	1 331 18 1 182	815 17 1 099
100 to 199		18	43	22	30	16	24	10	_5
200 to 499.:		(D) 13	6 040	2 773	3 842 25	2 219 23	3 316	1 260	762 8
500 or more		(D) 5	7 674 23	(D) 2	6 758 13	7 659 3	2 683	(D)	(D) 1
	number	5 327	20 941	(D)	13 635	2 127	10 612	(D)	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory tex				<u> </u>				
ltem	Lyon	Madison	Mahaska	Marion	Mershall	Mills	Mitchell	Monona
SALES								
Dairy products soldfarms, 1987	127	.5	40	36	14	3	106	.6
1982	178	14	56	62	21	7	128	16
\$1,000, 1987	5 763	(D)	1 836	1 853	929	117	5 291	167
1982	7 129	375	2 736	2 917	1 155	265	5 765	356
Cattle and calves soldfarms, 19871982	688	697	610	585	471	272	371	335
	905	784	747	737	598	351	454	430
number, 1987 1982 \$1,000, 1987	77 511 97 714 50 398	24 951 38 604 12 392	44 124 51 330 27 465	22 399 33 917 11 080	27 840 35 610 17 309	23 337 33 254 14 611	34 898 35 888 21 730	31 739 46 012 20 299 27 930
1987 farms by number sold: 1 to 9 farms	57 335 105	17 387 172	28 434 92	15 265	20 169	19 754 75	20 657	27 930
number	588	868	501	721	580	391	364	285
10 to 19 farms	125	169	131	146	96	51	61	58
number	1 798	2 331	1 854	2 031	1 304	737	850	846
20 to 49 farms	190	238	212	179	161	75	115	107
	5 675	7 475	6 656	5 315	4 905	2 276	3 589	3 312
	107	79	81	65	49	38	57	56
	7 360	5 417	5 599	4 489	3 321	2 623	4 052	3 918
100 to 199 farms	80	24	46	29	29	8	28	31
number	10 992	3 249	6 381	3 768	3 829	1 081	3 919	4 359
200 to 499 farms	52	12	38	17	16		29	21
number	16 141	3 118	10 541	(D)	4 468	5 663	9 805	6 122
500 or more farms	29	3	10	2	8	8	12	11
number	34 957	2 493	12 592	(D)	9 433	10 566	12 319	12 897
Calves soldfarms, 1987	158	303	195	220	116	91	109	89
	190	388	235	324	184	108	150	137
number, 1987	3 670	5 766	4 577	4 460	1 638	1 765	5 939	2 273
1987	5 331	9 297	4 408	6 771	2 942	1 999	3 237	4 225
\$1,000, 1987	1 181	1 901	1 200	1 254	538	425	2 065	591
1982	1 314	2 624	1 153	1 589	773	517	721	1 081
1987 farms by number sold: 1 to 9 farms number	69	119	71	107	54	45	40	30
	285	543	335	443	222	198	188	114
10 to 19 farms	39	84	45	48	31	25	33	16
number	510	1 126	638	663	424	344		234
20 to 49 ferms	33	76	59	47	29	13	25	37
number	874	2 238	1 687	1 376	(D)	356	685	1 139
50 to 99 farms number	9 588	1 379	13 836	9 579	(D)	(D)	324	211
100 to 199 farms	7	2	6	7	1	(D)	2	2
number	(D)	(D)	(D)	(D)	(D)		(D)	(D)
200 to 499 farms farms farms	-	(D)	1 (D)	(D)	-	(D)	(D)	(D)
500 or morefarms number	(D)	- 1	-	-	-	-	(D)	-
Cattle soldfarms, 1987farms, 1982	620	553	515	483	413	221	337	297
	800	601	637	601	521	295	402	361
number, 1987	73 841	19 185	39 547	17 939	26 202	21 572	28 959	29 466
1982	92 383	29 307	46 922	27 146	32 668	31 255	32 651	41 787
\$1,000, 1987	49 217	10 491	26 264	9 826	16 772	14 187	19 665	19 708
1982	56 021	14 762	27 281	13 676	19 396	19 237	19 93 6	26 849
1987 farms by number sold: 1 to 9 farms number	98	181	104	142	105	69	75	53
	519	770	474	604	504	341	346	296
10 to 19 farmsnumber	118	119 1 661	92 1 244	113 1 527	78 1 043	29 416	68 986	57 802
20 to 49 farms	155	161	167	134	132	59	78	78
	4 707	5 0 30	5 275	3 990	4 004	1 802	2 467	2 324
50 to 99farms_ number		62 4 282	68 4 826	3 675	3 191	2 308	3 703	3 467
100 to 199farmsnumber	71	16	39	23	27	6	30	28
	9 808	2 144	5 515	2 881	3 559	860	4 185	3 933
200 to 499	16 121	11 2 858	35 9 621	17 5 262	16 4 468	16 5 279	8 831	6 356 10
number_	28 34 146	2 440	10 12 592	_	9 433	10 566	8 441	12 288
Cattle fattened on grain end concentrates soldfarms, 1987	379	157	310	173	249	107	208	144
1982	59 142	210	376	247	330	178	237	178
number, 1987		7 828	33 711	9 536	20 085	18 102	24 011	23 626
1982 \$1,000, 1987	41 788	16 694 5 420	37 584 23 410	14 477 6 124	26 118 13 952	27 686 12 293	27 577 17 290	23 626 32 115 16 922 22 671
1982 1987 farms by number sold: 1 to 9 farms	47 661 49	9 965 43	23 468 37	8 551 39	16 790 55	17 740	17 671	15
10 to 19 farms_	243	147 31	164 48	158 35	258 39	99	135	78 18
number 20 to 49 farms	878 85	438 49	679 96	466 53	512 83	140 29	419 53	255 34 1 022
number	70	1 567	3 055	1 499	2 589	900	1 744	1 022
50 to 99 farms		21	53	19	29	20	39	32
number		1 444	3 743	1 368	1 903	1 406	2 852	2 160
100 to 199farms	48	6	36	12	25	5 700	21 2 926	16 2 313
number	. 41	824 5 (D)	5 168 30 8 310	1 535 15 4 510	3 272 11 3 118	16 5 278	2 926 22 7 494	19 5 510
500 or more ferms number_	24 31 203	(D) (D)	10 12 592	-	8 433	9 579	9 8 441	10 12 288

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

Item									
		Monroe	Montgomery	Muscetine	O'Brien	Osceola	Page	Palo Alto	Plymouth
SALES									
Dairy products sold		24	7	29	57	56	9	22	41
	\$1,000, 1987 1982 1982	963 1 199	15 397 601	47 2 182 2 605	67 1 969 2 419	78 2 055 2 051	18 451 457	35 870 1 044	76 2 209 3 887
Cattle end calves sold	farms, 1987	532 589	378 486	381 476	406 550	307 396	611 713	225 373	798
	number, 1987 1982 \$1,000, 1987 1982	27 524 30 842 12 621 11 589	23 100 40 125 13 426 21 564	17 106 24 825 9 958 13 087	84 562 107 882 56 229 65 380	28 110 45 547 17 821 25 843	33 468 44 386 19 578 22 983	20 408 33 815 13 181 19 428	1 101 91 422 114 602 60 132 68 420
1987 ferms by number sold:		98	46	100	83	77	121	19 420	131
10 to 19		544 108	236 82	484 85	464 78	409 60	642 140	244 38	667 130
20 to 49	number farms number	1 501 174 1 5 344 1	1 194 135 4 147	1 161 111 3 446	1 061 100 3 151	861 83 2 693	1 988 200 6 226	526 54 1 703	1 832 233 7 486
50 to 99		98 6 812	68 4 682	46 3 032	55 3 887	2 693 25 1 573	88 6 237	34 2 261	7 486 138 9 283
100 to 199	ferms	37	29	23	34	34	33	22	72
200 to 499	number	4 419 12	3 750 12	3 059 11	4 640 37	4 466	4 391 20	2 971 15	9 490 56
500 or more	number farms number	3 530 5 5 374	3 690 6 5 401	2 797 5 3 127	10 951 19 60 408	4 960 11 13 148	6 407 9 7 577	4 769 11 7 934	16 490 38 46 174
Calves sold		245	111	95	94	71	192	24	157
	1982 number, 1987 1982	309 6 489	150 2 169	161 2 056	114 1 880	73 1 905	233 4 259	82 370	229 3 744
	\$1,000, 1987 1982	9 324 2 061 2 418	4 548 721 1 199	3 406 620 893	3 287 493 887	2 149 574 499	5 402 1 079 1 444	2 325 94 663	6 977 1 029 2 122
1987 farms by number sold: 1 to 9		78	41	37	44	28	84	8	48
10 to 19	number ierms number	421 52 750	175 26 344	141 25 330	210 17 209	140 14	338 49	51 9	238 48
20 to 49	number_	78 2 248	39 1 113	23 649	209 27 752	191 19 496	682 44 1 294	116 6 (D)	635 44 1 253
50 to 99		29 1 888	(D)	7 456	3 248	6 400	11 834	(D) 1 (D)	1 253 11 725
100 to 199	farms	7 (0)	1	2	2	3	3	-	4
200 to 499	farms	(D) 1 (D)	(D) 1 (D)	(D) 1 (D)	(D) 1 (D)	(D) 1 (D)	(D) -	-	(D) 2
500 or more	farms	(b) - -	(b) - -	(D) - -	(b) - -		1 (D)		(D) - -
Cattle sold		412	341	349	361	279	534	211	722
	1982 number, 1987 1982	431 21 035 21 518	417 20 931	404 15 050	496 82 682	371 26 205	628 29 209	340 20 038	996 87 678
	\$1,000, 1987 1982	10 559 9 171	35 577 12 706 20 365	21 419 9 338 12 194	104 595 55 736 64 493	43 398 17 248 25 344	38 984 18 499 21 539	31 490 13 087 18 765	107 625 59 103 66 298
1987 farms by number sold:		116	53	104	74	81	121	48	137
10 to 19	number	484 75	219 75	464 76	396 74	426 48	563 120	212 33	649 108
20 to 49	number farms	1 077 109	1 088	1 030 98	996 77	685 72	1 674 162	448 48	1 512 193
50 to 99		3 436 72	3 385 64	3 072 38	2 418 50	2 299 23	5 007 77	1 507 34	6 239 122
	number	4 924	4 455	2 470	3 442	1 479	5 471	2 253	8 222
100 to 199	number	3 336	22 2 983	18 2 342	31 4 272	28 3 650	3 589	22 2 971	70 9 193
500 or more	number farms	2 404 5	3 400 6	3 062 4	36 10 751 19	17 5 168 10	6 098 8 8	5 221 10	54 15 789 38
Cettle fattened on grain and concer	number ntrates	5 374	5 401	2 610	60 407	12 498	6 807	7 426	46 074
sold	1982	99 108	163 234	215 263	243 344	171 247	258 329	154 226	455 682
	number, 1987 1982	4 843 5 868	13 911 28 379	10 529 17 447	74 482 96 010	21 757 36 743	22 032 28 749	16 661 28 287	71 250 91 326
1007 forms by symbol sold	\$1,000, 1987 1982	3 103 3 195	9 514 17 488	6 978 10 607	51 666 60 398	15 195 22 475	15 248 17 493	11 247 17 273	50 291 59 204
1987 farms by number sold: 1 to 9		33	18	56	48	39	29	32	74
10 to 19	number farms number	182 19 259	81 37 530	272 38	241 41	184 23 322	152 45	156 16	336 55
20 to 49	farms number -	22 719	52 1 659	524 66 2 050	543 51 1 743	44 1 442	617 92 2 873	214 39 1 248	55 725 114 3 803
50 to 99	number	13 884	31 2 237	31 1 982	38 2 503	23 1 444	2 673 50 3 566	1 246 24 1 569	75 5 236
100 to 199	farms	7 830	11 1 676	11 1 487	22 3 246	18	17	20 2 770	58 7 401
200 to 499	farms	3 (D)	2 327	1 487 11 (D)	3 246 27 8 088	2 428 15 15 4 339	2 347 17 5 670	2 770 15 4 861	7 491 46 13 980
500 or more	number.	(D) (D)	5 401	(D) (D)	16 58 118	4 539 9 11 598	6 807	5 843	33 39 679

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

(For meaning of abbraviations and symbols, see introductory text								
Itam	Pocahontas	Polk	Pottawattamia	Poweshiek	Ringgold	Sac	Scott	Shalby
SALES								
Dairy products soldtarms, 1987	7	11	13	27	11	22	39	23 35
1982 \$1,000, 1987 1982	15 329 478	16 440 887	27 424 1 277	1 467 1 739	27 638 1 217	29 1 543 1 509	59 3 911 4 383	35 742 876
Cattle and calves soldfarms, 1887	205 312	287 405	807 1 026	645 777	521 610	363 544	398 480	627 805
number, 1987 1982 \$1,000, 1987	21 944 32 222 14 502	10 392 13 412 5 902	77 966 137 209 49 870	34 068 44 207 19 454	32 421 41 307 14 909	61 924 92 619 38 285	28 129 32 934 18 414	48 742 64 559 32 001 37 295
1987 farms by number sold: 1 to 9 farms	19 648 52	6 765	82 126 175	21 983 89	17 394 60	56 826	20 059	37 295 89
10 to 19	240 46	559 68	835 153	439 123	320 84	395 71	524 82	447 116
number 20 to 49 farms	645 39	894 69	2 161 213	1 795 _ 246	1 240 177	999 93	1 150 116	1 628 224
numberfarms number	1 158 22 1 569	1 984 17 1 190	6 732 122 8 297	7 841 108 7 367	5 968 125 8 509	2 927 47 3 299	3 716 39 2 709	7 139 103 7 018
100 to 199 farms	23	13	55	55	42	27	26	59
200 to 499number farmsnumber	3 134 13 4 224	1 809 5 1 657	7 241 57 16 146	7 408 19 5 834	5 638 30 8 912	3 962 22 6 626	3 317 19 5 558	7 841 23 6 660
500 or moretarms number	10 10 974	2 299	32 36 554	3 384 3 384	1 834	31 43 716	12 11 155	13 18 009
Calves soldfarms, 1987 1982	53 61	84 137	179 228	208 24 8	220 248	74 118	77 103	112 191
number, 1987 1982 \$1,000, 1987	416 1 222 130	1 045 1 990 296	4 309 4 545 1 515	4 290 5 776 1 434	6 994 8 717 2 318	1 352 2 998 342	1 182 1 480 243	1 514 5 450 443
1982 1987 farms by number sold:	327	461	1 194	1 522	2 443	826	279	1 662
1 to 9 farms number	35 132	46 179	73 333	78 276	63 260	31 135	37 148	50 210
10 to 19	13 166 5	23 29 8 12	46 632 38	62 847 53	50 740 67	21 289 18	21 284 16	34 445 26
number 50 to 99	118	297	1 042 17	1 591 12	2 184 31	516	476 2	26 (D) 2
numbar	-	(D)	1 118	726	2 003	(D)	(D)	(D)
100 to 199farms	-	1 (D)	3 (D)	-	6 695	-	1 (D)	-
200 to 489 farmsnumber	-	-	(D)	3 850	(D)	(D)	_	-
500 or more farms number	-	-	(D)	-	(D)	-	-	-
Cattle soldfarms, 1987	186 285	254 343	723 920	557 658	432 491	330 486	355 437	576 709
number, 1987 1982	21 528 31 000	9 347 11 422	73 657 132 664	29 778 38 431	25 427 32 590	60 572 89 621	26 947 31 454	47 228 59 109
\$1,000, 1987 1982	14 372 19 321	5 606 6 304	48 355 80 932	18 020 20 461	12 592 14 951	37 943 56 000	18 170 19 780	31 558 35 633
1987 farms by number sold: 1 to 9 farms number	52 265	112 511	171 801	99 4 6 8	86 367	73 369	92 459	89 458
10 to 19 farmsnumber	38 530	50 644	124 1 738	98 1 373	71 995	58 800	72 985	101 1 428
20 to 49 farms number	28 841	56 1 594	187 6 076	200 6 482	119 3 9 6 4	79 2 391	99 3 177	199 6 545
50 to 99 tarms number	1 560	16 1 111	106 7 287	5 838	6 211	2 935	2 586	92 6 294
100 to 199	23 3 134	11 1 538	48 6 231	57 7 775	34 4 682	27 3 961	24 3 027	59 7 834
200 to 499 farms	13 4 224	1 650	55 15 640	16 4 963	28 (D)	21 6 407	19 5 558	23 6 660
500 or more farmsnumber	10 10 974	2 299	32 35 884	2 879	(D)	31 43 709	12 11 155	13 18 009
Cattle fattened on grain and concentrates					404	240		070
sold	113 187 19 311	124 158 6 362	460 608 65 455	292 365 18 354	121 137 9 408	210 358 53 509	268 317 24 293	373 450 39 355
1982_ \$1,000, 1987	25 385 13 204	7 697 4 241	118 689	24 299 12 517	11 900 5 670	80 322	27 597 16 687	48 420 27 701 30 585
1982 1987 farms by number sold:	16 410	4 782	44 427 74 692	14 699	6 741	34 407 51 406	17 942	
1 to 9	20 104	46 176 20	83 322 64	37 183 43	13 50 23	37 197 34	54 284 58	47 240 52
10 to 19 farms number 20 to 49 farms	18 256 16	20 262 32	906 113	612 114	329 29	502 44	797 73	733 120
number 50 to 99	562 16 1 149	917 10 715	3 795 80 5 521	3 644 49 3 540	1 022 31 2 022	1 337 29 1 995	2 271 33 2 295	47 240 52 733 120 3 973 73 5 084
100 to 199 farmsnumber	22 3 00 5	10 (D)	39 5 267	36 5 135	12 1 697	20 3 025	21 2 679	40
200 to 499 farms number	3 005 12 3 761	(D) (D)	5 207 51 14 919	10 3 262	12 (D)	18 5 669	18 5 312	21 6 064
500 or more farmsnumber	10 474	2 299	30 34 725	3 1 978	(D)	28 40 784	11 10 655	6 459 21 6 064 12 16 802
		1						

Table 11. Cattle and Calves-Inventory and Sales: 1987 and 1982-Con.

Item	Sioux	Story	Teme	Taylor	Union	Van Buren	Wapello	Warren
SALES	3.53%	0.0.1	1 01176	7 8 9101	511011	van burett	**apen0	Avarian
Dairy products soldferms, 1987	182	12	50	6	9	23	16	29
1982 \$1,000, 1987 1982	258 14 176 15 568	14 1 242 1 140	56 2 398 2 425	15 201 338	11 205 331	41 519 896	18 729 625	29 45 1 553 2 480
Cettle and calves soldfarms, 1987	947	281	721	511	473	490	478	780
1982 number, 1987 1982 \$1,000, 1987 1982	1 239 257 632 281 019 173 008 175 356	370 26 698 24 715 17 669 15 244	875 33 299 46 145 18 728 22 658	636 21 884 31 932 10 769 13 945	568 24 816 34 352 11 903	598 16 457 21 445 7 133	545 18 479 20 605 8 400	780 905 25 175 33 838 12 591 14 378
1987 ferms by number sold: 1 to 9 farms_	136	79	133	75	15 701	8 314 114	8 528 158	14 3/9
number 10 to 19 farms	701 121	377 54	673 183	364 118	405 87	553 113	745 113	1 108 183 2 516
number 20 to 49number number	1 655 205 6 249	763 74 2 185	2 584 255 8 031	1 682 174 5 580	1 268 140 4 608	1 580 164 5 035	1 538 138 4 343	2 516 242 7 457
50 to 99 tarms number_	137 9 405	30 2 086	93 6 357	96 6 400	89 5 965	75 4 918	4 343 44 3 074	7 457 85 5 519
100 to 199 tarms	107	19	34	40	53	18	11	
number 200 to 499 farms	14 986 111	2 514 16	4 715 19	5 216 7	6 706 13	2 285 5	1 464 11	23 3 122 12
number_ 500 or mora farms number_	34 203 130 190 433	4 985 9 13 788	5 729 4 5 210	(D) 1 (D)	3 284 4 2 580	(D) 1 (D)	3 108 3 2 207	(D) 2 (D)
Calves soldfarms, 1987	211 237	61 86	208 280	194 229	180 237	265 340	208 239	297
number, 1987 1982 \$1,000, 1987	6 902 8 464 1 968	881 1 357 254	3 880 6 596 1 200	5 006 5 802 1 456	4 803 7 838 1 754	5 250 8 488 1 706	2 748 4 014 904	460 4 971 9 130 1 630 2 195
1982 1987 farms by number sold: 1 to 9	2 011	437 35	1 734 81	1 496	2 137 65	1 601	1 084	2 195 134
number 10 to 19 farms	290 54	160 9	368 67	198 53	292 43	465 84	471 53	614
	680 59 1 705	122 15	939 47	770 59	579 47	915 77	729 34	82 835 88
50 to 99 ferms number_	12 695	(D) 2 (D)	1 458 10 615	1 763 27 1 665	1 408 17 1 146	2 228 21 (D)	1 033 7 (D)	2 530 14 (D)
100 to 199 farms number	5 699		2 (D)	3 (D)	7 (0)	3 (D)	1 (O)	1 (D)
200 to 499 farms number_	6 (D)		(D)	(D)	-	-	-	-
500 or more	(D)	-	-	-	1 (D)	=	-	_
Cattle sold	855 1 126	254 336	619 748	412 520	395 460	368 438	376 450	851 879
number, 1987 1982	250 730 272 555	25 817 23 358	29 419 39 549	16 878 26 130	20 013 26 514	11 207 14 957	13 731 16 591	20 204 24 508
\$1,000, 1987 1982 1987 farms by number sold:	171 040 173 345	17 415 14 807	17 528 20 923	9 312 12 449	10 148 13 563	5 427 6 713	7 496 7 445	20 204 24 508 10 962 12 184
1 to 9 farms number	131 670	70 298	137 663	91 391	94 407	126 504	134	245 1 022
10 to 19 farms	98 1 327	50 691	149 2 086	87 1 210	68 977	73 989	565 85 1 160	1 022 138 1 818
20 to 49 farms	171 5 144	66 1 947	199 6 303	124 3 927	104 3 550	109 3 468	100 3 101	173 5 201
50 to 99	118 8 182	24 1 698	82 5 613	71 4 856	70 4 634	44 2 932	32 2 282	62 3 978
100 to 199	100	20	30	32	45	11	12	22 2 993
200 to 499number 1armsnumber	13 865 110 33 865	2 652 15 4 743	4 144 18 5 400	4 149 6	5 560 11 2 805	1 442	1 812 10	2 993 11
500 or more farmsnumber	127 187 677	13 788	5 210	(D) 1 (D)	2 003 3 2 080	(D) 1 (D)	2 818 3 2 193	11 (D) 2 (D)
Cattle fattened on grain and concentrates soldfarms. 1987	50-	155				, ,		
soid	567 807 216 084	159 220 21 030	330 444 19 626	129 211 6 150	97 159 6 303	104 115 4 055	130 152 6 766	222 250 9 551 14 061 6 148 8 295
\$1,000, 1987	247 159 149 468	18 564 14 648	29 389 13 097	12 459 4 275	13 601 4 048	6 047 2 386	6 766 7 469 4 361	9 551 14 061 6 149
1982 1987 farms by number sold:	160 019	12 193	16 674	7 201	8 226	3 324	4 134	
1 to 9 farms	68 335 42	35 156 31	62 287 71	14 61 23	16 55 12	27 125 13	48 192	75 268
20 to 49 farms	588 104	419 38	957 112	294 60	162 162 25	13 161 44	22 302 34	451 72
number 50 to 99 tarms number	3 174 72 5 013	1 214 18 1 221	3 511 47 3 195	1 799 18 1 184	913 25 1 676	1 430 12 867	1 064 12 930	75 268 32 451 7 72 2 169 24 1 539
100 to 199 farms	74	16	21	11	12	6	5	14
number	10 193 94 29 687	2 317 13 3 915	2 736 14	1 438 2 (D)	1 388	(D) 2 (D)	599 10	2 061 4
500 or more farms	29 687	3 915	4 340	(D)	(O)	(D)	(D)	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

ltem	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
SALES								
Dairy products soldfarms, 1987	48	18	5	47	572	14	29	9
1982 \$1,000, 1987 1982	57 1 419 1 450	32 784 1 175	10 296 648	52 1 742 (D)	719 35 091 39 266	33 285 1 082	43 1 314 2 059	11 334 363
Cattle and calvas soldfarms, 19871982	488 595	522 620	225 351	165 226	1 236 1 399	609 854	229 281	155 228
number, 1987 1982 \$1,000, 1987 1982	20 410 32 001 12 043 16 568	25 717 35 833 12 099 13 582	9 297 21 165 5 171 10 052	7 022 10 411 3 721 5 539	50 360 56 641 26 527 24 551	76 149 95 473 49 702 54 838	10 451 21 616 6 903 11 186	13 914 20 685 8 919 12 378
1987 farms by number sold: 1 to 9 farms	107	82	83	43	202	106	66	38
number 10 to 19	527 108	408 87	425 51	235 49	1 061 273	549 116	333 59	214 35 494
numbar	1 500 158 4 792	1 241 190 6 054	689 49 1 436	693 51 1 582	3 919 498 15 298	1 622 201 6 265	793 72 2 191	36 1 122
50 to 99 farms number	66 4 494	117 7 959	21 1 369	12 853	186 12 405	78 5 422	16 1 054	19 1 222
100 to 199 farms	37	35	14	5	55	48	10	8
number	4 901	4 757 8	1 873 5	716	6 606 18	6 365	1 488	1 095
	2 369 3 1 827	2 274 3 3 024	(D) 2 (D)	(D) 2 (D)	5 286 4 5 785	10 357 25 45 569	(D) 1 (D)	3 221 8 6 546
Calvas soldfarms, 1987	139	236 308	55 142	59 84	506 627	140 259	51 78	38 38
1982 number, 1987 1982	206 2 245 4 224	7 322 9 818	880 2 826	893 1 243	9 437 12 010	3 540 5 518	626 1 659	828 946
\$1,000, 1987 1982	662 1 127	2 701 2 470	209 575	218 297	2 308 2 626	1 207 1 456	154 377	255 227
1987 farms by number sold: 1 to 9 farms number	59 221	66 299	32 149	21 106	163 790	50 227	29 125	14 66
10 to 19 farms number	40	53 767	10 122	29 388	169 2 288	32 429	12 (D)	12 164
20 to 49 farms number	32 964	76 2 320	7 214	8 (D)	140 3 823	1 274	(D)	7 212
50 to 99 farms numbar	(D)	31 2 058	6 395	_	27 1 645	7 466	166	(D)
100 to 199 farmsnumber	1 (D)	8 (D)	- -	-	6 (D)	5 (D)	_	1 (D)
200 to 499 farms		(D)	-	1 (D)	(D)	(D)	_	-
500 or more farms number	-	(D)	-	-	=	-	=	=
Cattle soldfarms, 19871982	421 501	418 476	201 285	149 199	1 085 1 221	545 724	210 252	140 210
number, 1987 1982	18 165 27 777	18 395 26 015	8 417 18 339	6 129 9 168	40 923 44 631	72 609 89 955	9 825 19 957	13 086 19 739 8 664
\$1,000, 1987 1982	11 381 15 442	9 399 11 112	4 962 9 477	3 503 5 243	24 219 21 925	48 495 53 382	6 749 10 809	8 664 12 151
1987 farms by number sold: 1 to 9 farms	112 550	107 464	83 399	51 256	280 1 325	105 505	66 307	43 230
10 to 19 farms number	77	69 960	38 524	39 542	237 3 338	96 1 352	54 721	27 374
20 to 49 farms number	128 3 805	126 4 093	46 1 343	39 1 158	368 11 213	173 5 462	61 1 853	30 931
50 to 99 farms number	3 905	86 5 721	13 850	11 742	133 8 925	73 4 964	13 864	919
100 to 199 ferms number_	37 4 891	23 3 248	15 2 009	5 716	49 5 946	40 5 248	10 1 488	8 1 098
200 to 499farmsnumber	8 2 141	5 (D)	4 (D)	(D)	14 4 391	9 755	5 (D)	10 2 988
500 or mora farms numbar		(D)	(D)	(D)	5 785	45 323	(D)	6 546
Cattle fattened on grain and concentrates soldfarms, 1987	267	113	110	86	354	296	138	98
1982_ number, 1987_	325	128 6 695	166 6 681	115 3 323	369 20 607	391 62 836	165 8 037	143 11 619
1982_ \$1,000, 1987_	21 351 9 40 2	5 853 4 110	14 135 4 115	7 350 2 157	21 405 13 799	73 305 43 803	11 735 5 629	17 227 8 020
1987 ferms by number sold:	12 716	3 207	7 665 41	4 443	12 312 71	46 551 42	7 458	11 098 27
1 to 9 farms	63 270 41	29 99 15	203 21	113	354 74	200 43	214 32	153 18
number_ 20 to 49 farms_	559 76	201 40	285 18	264 28	1 050 122	563 96	447 42	262 18
numbar_ 50 to 99	2 269 48	1 294 20 1 294	539 10 646	828 5 362	3 717 48 3 211	2 947 37 2 636	1 274 8 601	569 11 753
100 to 199 farms	28	4	14	4	23	24	- 6	8
number_ 200 to 499 farms	8	658 3	1 813 4	591 2	2 824 12	3 246 30 8 571	909 5 (D)	1 090 9 2 746
number	3	(D) 2 (D)	(D) 2 (D)	(D) 1 (D)	3 666 4 5 785	24 44 673	(D) 1 (D)	2 746 7 6 046

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982

NVENTORY Hogs and pigs	[For meaning of abbreviations and symbols, see introd	ductory tex	t]						Τ
Hogs and page Items, 1967	Item		lows	Adair	Adems	Atlemakee	Appanoose	Audubon	Bentor
### Printer	INVENTORY								
### Auribra 1822 12 900 FFF 85 506 55 869 11 0 518 16 070 128 267 127 227 15 10 10 10 10 10 10 10 10 10 10 10 10 10	Hogs and pigs farm							348	545
Fame by Newtoday	numbe	er, 1987	12 983 074	85 504	55 648	113 528	16 079	128 623	172 273
Author, 1932. 4 686 51 39 69 46 132 14 14 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	Farms by inventory:								ļ
25 to 49		1982	4 636	51	39	58	46	32	48
Authors 1885		1982	55 308	606	470	761	453	453	604
100 to 199		1982	3 419	37	33	35	23	32	44
March 1982		1982				1 181	773	1 124	1 588
100 to 199		1982	5 723	89	35	72	51	58	95
### 1982 1985 1986	100 to 199 ferm	1982 s, 1987		6 469	2 470	5 189	3 456	4 205	6 486
### 100 to 489. #### 1987. ## 1 269 ## 110 66 ## 17 2 ## 105 ## 155 ## 1	numbe	er, 1987	951 249	13 620	5 218	12 072	43 3 318	76 11 351	138 15 569
Feeder pigs sold — Immune, 1897. 1 93 984 97 987 988 989 98 97 97 989 98 98 98 98 98 98 98 98 98 98 98 98	200 to 499 farm		11 269						1
500 to 999	numbe	er, 1987	3 523 643	32 212	(D)		21	146	223
number, 1987 4 988 968 25 928 14 722 32 463 4 057 37 160 68 554 1,000 or more 1982 4 988 968 92 95 928 14 722 33 471 1546 98 554 1,000 or more 1982 4 988 968 92 95 928 14 722 34 471 1546 98 554 1,000 or more 1982 4 97 968 13 517 7 9 939 127 641 1 - 42 661 40 91 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	500 to 989 ferm	s, 1987	5 768	31	27	49	6	54	69 044 89
1,000 or more	numbe	r, 1987	3 837 424	20 456	(Ď)	32 463	4 057	37 160	58 457
1892	1,000 or more farm		1				(D) -		
Hogs and pigs used of to be used for	numbe	r, 1987	4 237 296		9 839	27 541	-	27	26 40 917
1982									39 550
1897 1897 1892 1 700 805 14 530 8 697 15 012 3 0 90 15 897 25 271		1982	34 170	403	213	372	142	303	509
1 1 2 2 1									
100 or more	1 to 24								123
Other hogs and pigs	50 to 99		6 848	61	39	66	8	67	124
1982		number	842 921	3 589	2 524	6 102	344	7 844	7 827
Litters of pips farrowed between— Dec. 1 of preceding year and Nov. 30		1982	43 491	482	283	427	186	410	658
Ulters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30									179 188
Dec. 1 of proceding year and Nov. 30	LITTERS								
number, 1882 33 737 424 235 388 150 320 538 number, 1882 2 498 897 16 898 10 402 21 643 2933 23 662 30 585 1882 2 498 897 17 898 11 846 23 035 4 622 24 652 33 774 Dec. 1 of preceding year end May 31 farms, 1882 2 81 77 264 170 322 68 150 320 585 number, 1887 125 973 8 453 5 208 11 607 2 383 12 563 11 560 320 365 365 365 365 365 365 365 365 365 365	Litters of pigs farrowed between — Dec. 1 of preceding year and Nov. 30 farm.	s, 1987	28 037	293	179	357	97	259	408
Dec. 1 of preceding year end May 31	numbe	r, 1987	2 495 867	16 889				320	538
1982. 32 787 394 211 355 129 299 457	Dec. 1 of preceding year and May 31 farm								
June 1 and Nov. 30		1982	32 787	394	211	355	129	299	491
1982 32 268 372 206 340 125 286 472 473 474 10 842 1 493 11 356 15 035 1982 1 270 314 10 935 5 957 11 428 2 239 12 089 17 992 17 992 17 992 18		1982	1 278 535	10 452	5 889	11 607	2 383	12 563	17 782
Hogs and pigs sold		1982 r, 1987	32 268 1 243 894	372 8 436	206 5 194	340 10 842	125 1 493	286 11 356	472 15 035
Hogs and pigs sold	SAI ES	1982	1 270 314	10 935	5 957	11 428	2 239	12 089	17 992
1982_ 49 012 543 335 494 209 476 744 1982_ 23 483 812 152 345 88 680 168 181 31 233 238 820 286 578 1982_ 2 580 1117 171 719 115 733 203 344 35 133 257 140 309 340 30		6 1097	29 629	205	000	400	440	004	
1982 23 801 117 171 719 115 733 203 344 35 133 257 140 306 330 33 721 1987 farms by number sold: 1982 2 550 488 18 558 12 676 19 144 3 614 26 109 33 721 1987 farms by number sold: 1 10 24		1982	49 012	543	335	484	209	476	748
1987 farms by number sold: 1 to 24		1982	23 801 117	171 719	115 733	203 344	35 133	257 140	309 340
Number 28 689 217 142 367 229 117 450 550	1987 farms by number sold:	1982	2 550 488				3 614	26 109	34 351
Number		number	28 689	217	142	367	229		450
number farms 244 473 3 964 2 304 3 330 1 673 2 220 3 804 100 to 199 1arms 5 290 71 39 88 27 58 84 100 to 499 100 to 490 10		number	72 957	903	485	587	889	517	1 407
Number		number	244 473	3 964	2 304	3 330	1 673	2 220	3 804
Number		number	747 604						84 11 747
500 to 999		number	10 628 3 394 492						155 48 965
1,000 or more		number	5 645 377	53 489			13	85	126
1982			6 856 13 350 220					69 140 331	88
number, 1987 1988 4 308 966 26 965 15 608 70 155 5 293 57 201 42 160	Feeder pigs sold ferms		8 972 10 819					82	96
\$1,000, 1987 209 249	numbe	r, 1987	4 460 979 4 308 866	23 782	12 988	40 606	4 951	60 512	39 515
Hogs and pigs other than feeder pigs sold farms, 1987 36 810 380 219 397 131 342 560 1982 46 466 509 320 453 190 451 727 number, 1987 19 022 833 128 563 75 692 128 575 26 282 178 308 257 063 1882 19 492 251 144 754 100 125 133 189 29 840 199 939 267 180 180 180 180 180 180 180 180 180 180		0, 1987 1982	209 249	1 137	519	1 919	209	2 749	1 892
number, 1987	Hogs and pigs other than feeder pigs sold farm	s, 1987	36 810 46 466	380	219	397	131	342	560 727
\$1,000, 1987 2 284 813 15 317 8 813 16 033 2 998 21 054 31 828		r, 1987 1982	19 022 833 19 492 251	128 563 144 754	75 692	128 575	26 282	178 308	257 063
	\$1,000		2 284 913	15 317	8 813	16 033	2 998	21 054	31 828

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text	1						
Item	Bleck Hawk	Boona	Bramar	Buchanan	Buene Vista	Butler	Calhoun
INVENTORY							
Hogs and pigs	392	257	343	553	432	532	262
	438	344	429	611	525	665	416
	162 483	90 597	93 085	190 879	212 076	192 796	104 890
Farms by inventory:	137 758	103 934	99 410	195 143	220 793	201 770	125 520
1 to 24 farms, 1987	32	38	45	68	21	56	29
1982	50	43	50	73	31	67	48
number, 1987	388	313	569	787	293	685	394
1982	638	534	543	832	419	771	568
25 to 49 farms, 1987	27	21	34	45	17	29	9 21
1982	33	30	49	45	17	31	
number, 1987	969	768	1 141	1 625	600	1 011	320
1982	1 215	971	1 706	1 649	633	1 090	676
50 to 99farms, 1987		24	55	70	36	51	24
1982	3 200	46	70	86	58	80	69
number, 1987		1 752	3 707	4 867	2 550	3 456	1 807
1982	4 280	3 289	4 926	6 497	4 288	5 792	4 972
100 to 199 farms, 1987	54	38	60	102	67	88	37
1982	72	68	91	118	100	157	71
number, 1987	7 688	5 331	8 581	14 335	9 669	12 257	5 284
1982	9 652	9 286	12 272	16 960	14 208	21 427	9 193
200 to 499 farms, 1987	125	80	88	134	134	189	90
1982	131	84	112	156	162	198	122
number, 1987	38 485	24 104	27 165	42 515	45 087	60 874	28 192
1982	41 807	25 457	32 964	50 112	51 931	61 296	37 752
500 to 999 farms, 1987	74	38	44	90	107	74	45
	68	55	43	95	109	99	61
number, 1987	51 098	24 816	28 375	61 029	70 960	46 348	30 492
1982	44 581	35 881	27 966	61 904	72 690	64 288	41 373
1,000 or mora farms, 1987	36	18	17	44	50	45	28
1982	60 655	18	14	38	48	33	24
number, 1987		33 513	23 547	65 721	82 917	68 165	38 401
Hogs and pigs used or to be used for	35 565	28 516	19 033	57 189	76 624	47 106	30 986
breeding farms, 1987	247	168	241	410	303	357	188
1982	282	242	316	476	375	462	276
number, 1987	15 594	9 757	12 489	25 546	24 975	22 634	11 219
1982	14 038	11 857	11 996	22 965	24 435	22 156	13 293
1987 farms by inventory: 1 to 24	72	60	99	147	48	105	63
25 to 49	62	49	51	101	68	91	35
50 to 99	71 42	39 20	60 31	102	103 84	103 58	56 32
number	7 474	4 766	5 554	13 263	14 978	11 449	5 154
Other hogs and pigs farms, 1987		249	327	521	419	511	246
1982	418	318	410	571	511	640	393
number, 1987	146 889	80 840	80 596	165 333	187 101	170 162	93 671
1982	123 720	92 077	87 414	172 178	196 358	179 614	112 227
LITTERS							
Litters of pigs farrowed between-		470	250	400		075	106
Dec. 1 of preceding year and Nov. 30 farms, 1987	268	176	259	428	312	375	196
1982	298	252	330	487	387	482	295
number, 1987	24 776	16 420	17 916	37 903	39 255	33 650	18 430
1982	20 478	16 913	18 180	37 180	38 569	31 145	19 781
Dec. 1 of preceding yeer and May 31 farms, 1987	250	164	233	392 445	302 358	344 438	189 271
1982 number, 1987	272 12 525	216 8 201	290 8 701	19 014	19 725	16 776	9 310
June 1 and Nov. 30 farms, 1987	10 002	8 424	8 860	18 664	19 025	15 671	10 020
	249	154	236	399	294	356	181
1982	270	224	298	455	362	430	265
number, 1987	12 251	8 219	9 215	18 889	19 530	16 874	9 120
1982	10 476	8 489	9 320	18 516	19 544	15 474	9 761
SALES							
Hogs and pigs sold farms, 1987 1982	416	270	366	574	468	562	295
	473	362	472	652	566	720	449
number, 1987	275 866	177 753	180 944	373 171	388 304	367 816	203 838
1982	232 341	186 624	173 871	339 428	363 355	330 621	212 202
\$1,000, 1987 1982	232 341 30 363 25 585	18 559 20 459	18 688 18 698	37 214 35 592	42 058 41 111	38 444 35 972	212 202 21 710 22 318
1987 farms by number sold: 1 to 24farms_	23	29	37	39	16	35	13
number	251	251	419	448	262	458	243
25 to 49	26	14	24	32	21	26	10
number	962	474	894	1 107	744	999	393
50 to 99	36	18	39	55	28	53	26
100 to 199	2 615	1 248	2 773	4 095 68	1 991 38	3 775 66	1 949 29
number	49 7 177	28 4 230	55 7 878	9 966	5 575	9 232	4 207
200 to 499	97	77	93	160	119	153	68
	32 366	23 774	30 411	53 385	40 674	50 398	22 504
500 to 999farms	101	52	63	102	112	110	78
	71 376	35 644	42 742	71 500	79 982	75 879	54 678
1,000 or morefarmsnumber	161 119	52 112 132	55 95 827	118 232 670	134 259 076	117 227 075	71 119 864
Feeder pigs sold farms, 1987	104	49	101	188	99	131	62
1982	98	86	110	167	100	154	98
number, 1987		41 969	33 727	100 752	64 412	68 609	35 134
1982_	28 212	33 483	27 268	77 733	67 744	51 976	33 507
\$1,000, 1987_	1 850	2 247	1 559	4 100	3 066	3 055	1 657
1982.	1 287	1 805	1 286	3 403	3 447	2 526	1 660
Hogs and pigs other than feeder pigs sold farms, 1987.	398	261	351	527	450	543	280
1982	459	349	447	595	544	685	428
	237 180	135 784	147 217	272 419	323 892	299 207	168 704
number 1007						200 201	100 704
number, 1987 1982 \$1,000, 1987	204 129 28 513	153 141 16 311	146 603 17 129	261 695 33 114	315 611 38 991	278 645 35 389	178 695 20 053

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory te	xt]						
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY							
Hogs and pigs farms, 1987 1982 number, 1987	. 277 305	336 436 93 655 122 853	490 605 206 391 213 087	287 375 118 772 157 392	449 557 177 791 202 185	387 448 129 308 139 709	194 260 39 709 49 394
Farms by inventory: 1 to 24 farms, 1987 1982	. 27 . 32	41 36	24 53	34 44	29 32	32 46	33 44
number, 1987 1982 25 to 49	363 327 25 30 929	476 503 27 40 953	281 732 17 32 586	467 548 21 26	333 425 17 17	399 606 25 48	418 520 18 30
number, 1987 1982 50 to 99	1 034 66 60	1 450 46 57	1 160 42 58	739 905 27 42	644 555 36 51	830 1 699 65 52	603 1 123 38 40
number, 1987	4 049 111 166	3 169 4 120 62 109	3 204 4 322 96 102	1 917 3 045 41 51	2 586 3 749 80 111	4 475 3 718 81 94	2 725 3 032 40 60 5 648
number, 1987 1982 200 to 499 farms, 1987 1982	. 22 968 . 243 . 286	8 613 15 512 98 129	13 480 14 324 191 227	5 750 7 003 89 120	10 987 15 347 157 198	11 321 13 196 103 124	8 226 44 60
number, 1987 1982 500 to 999	87 223 164 144	30 867 38 849 46 52 30 092	58 167 70 005 85 95 56 863	27 937 37 118 55 61 34 767	48 538 61 018 96 111 64 499	31 999 37 444 53 51 34 796	13 758 17 130 18 22 13 107
1,000 or more farms, 1987	96 059 52 40	32 810 16 13 19 485	64 011 35 38 73 810	43 518 20 31 47 195	71 761 34 . 37 . 50 204	33 465 28 33 45 488	(D) 3 4 3 450
Hogs and pigs used or to be used for breeding farms, 1987	54 551	29 609 225 320	58 533 385 469	65 255 220 293	49 330 297 370	49 581 277 359	153 203
number, 1987 1982 1987 farms by inventory: 1 to 24 25 to 49	31 785 26 854	11 122 14 217 79	26 216 25 893 97	22 038 23 402 51	20 306 18 431 77	16 039 16 760 98	5 641 5 659 74
50 to 99	144 101 15 609	62 56 28 4 347	104 108 76 13 860	36 63 70 15 740	76 89 55 10 625	72 64 43 7 865	41 28 10 1 396 182 237 34 068
Other hogs and pigs	. 727 245 520	326 431 82 533 108 636	478 576 180 175 187 194	268 346 96 734 133 990	437 546 157 485 183 754	374 426 113 269 122 949	237 34 068 43 735
LITTERS							
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 farms, 1987 1982 number, 1987	. 578	229 338 16 872	401 488 40 828	233 311 29 964	308 385 29 821	288 373 25 288	160 214 9 484
1982	41 845 506 533	20 306 216 309 8 221	40 766 376 456 19 972	30 105 222 278 16 759	29 850 283 355 14 802	25 703 260 340 12 365	8 295 149 192 4 857
June 1 and Nov. 30 farms, 1987 1982	21 104 492 537 24 782	10 163 216 304 8 651	20 535 378 452 20 856	16 189 205 261 13 205	15 241 283 346 15 019	13 056 268 338 12 923	4 199 146 187 4 627
1982	20 741	10 143	20 231	13 916	14 609	12 647	4 096
SALES Hogs and pigs sold	714	353	510	303	463	404	209
1982 number, 1987 1982 \$1,000, 1987	807 510 765 433 469 52 683	475 167 856 180 962 17 465	518 644 355 042 359 099 39 699	411 253 333 246 861 24 288	588 315 806 320 646 34 361	495 236 486 230 707 23 635	277 73 511 74 796 8 132
1987 farms by number sold: 1 to 24	. 21	19 769	40 855	28 266	35 501 19	24 042	7 688 13
25 to 49number_ 25 to 99farms 50 to 99farms	. 20 726	470 17 560 40	336 17 649 35	277 15 563 25	216 13 486 44	394 21 743 30	164 16 573 34
number100 to 199	. 2 819 69 9 588	2 697 55 7 569	2 614 62 9 289	1 823 39 5 543	3 325 51 6 839	2 131 61 8 271	34 2 498 38 5 426
200 to 499farmsnumber	. 62 702	95 30 146	152 47 672	58 19 470	134 43 889	115 35 711	63 19 999
500 to 999farms_ number 1,000 or morefarms_	148 338	71 51 111 41	133 94 292 93	57 885 62	68 669 103	77 53 640 68	24 15 382 21
number Feeder pigs sold	. 286 273	75 303 66	200 190	167 772 69	192 382 73	135 596 103	21 29 469 60
1982 number, 1987	. 188 . 111 126	74 32 644	123 46 608	79 83 523	87 53 386	102 57 309	95 12 217 17 855 571
1982. \$1,000, 1987 1982	4 998 4 371	27 551 1 400 1 242	49 994 2 133 2 452	27 669 3 676 1 274	49 521 2 389 2 118	50 987 2 421 2 388	845
Hogs and pigs other than feeder pigs sold farms, 1987_ 1982_ number, 1987_ 1982_	674 740 399 639 342 506	336 462 135 212 153 411	499 607 308 434 309 105	295 397 169 810 219 192	440 568 262 420 271 125	387 473 179 177 179 720	197 261 61 294 56 941
\$1,000, 1987 1982		16 064 18 527	37 566 38 403	20 612 26 992	31 972 33 383	21 214 21 654	7 561 6 843

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

(For meaning of abbreviations and symbols	s, see introductory text)	T				T		
Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
INVENTORY								
Hogs and pigs	1982 number, 1987	276 367 113 582	756 835 282 887	586 709 155 812	574 727 163 737	208 308 82 884	245 304 45 685	157 209 44 663
Farms by inventory:	1982	125 809	241 347 72	190 626	186 206	75 572 28	53 263 54	47 881
1 10 29	1982 number, 1987	37 159	98 925	77 538	71 585	55 318	77 652	25 33 277
25 to 49	1982 farms, 1987 1982	443 16 26	1 251 50 75	1 029 55 55	1 026 50 51	671 15 30	781 33 41	398 13
	number, 1987 1982	582 973	1 727 2 752	1 923 2 043	1 834 1 717	508 1 069	1 161 1 430	24 463 839
50 to 99		31 42	83 116	88 97	81 112	36 43	33 54	21 25
	number, 1987 1982	2 270 2 921	5 826 8 477	6 035 6 918	5 681 8 082	2 713 3 064	2 294 3 890	1 518 1 675
100 to 199	1982 number, 1987	52 63 7 441	143 163 19 803	135 168 18 375	130 155 18 036	39 53 5 324	37 47 5 088	41 39
200 to 499	1982	8 589 83	23 124	23 890	21 822	7 152 56	6 146	(D) 5 318
200 to 499	1982 number, 1987	111 27 004	223 63 278	209 52 475	229 53 281	81 17 839	56 20 774	29 64 (D)
500 to 999		35 840 55	69 053 142	62 881 66	68 898 72	24 518 24	16 514 16	18 172 23 18
	1982 number, 1987 1982	63 36 275 43 231	122 91 811 79 804	74 43 892 47 697	90 45 860 56 563	40 16 560 27 884	25 10 316 17 422	14 330 11 238
1,000 or more		26 25	61 38	19 29	23 19	10	4	5
	number, 1987 1982	39 851 33 812	99 517 56 886	32 574 46 168	38 460 28 098	19 622 11 214	5 400 7 080	14 979 10 223
Hogs and pigs used or to be used for braeding	farms, 1987 1982	191 251	559 656	453 551	425 542	128 189	197 229	111 162
	number, 1987 1982	12 807 13 586	35 036 29 851	20 348 21 346	20 909 22 489	6 490 8 771	6 956 6 765	6 384 6 107
1987 farms by inventory: 1 to 24		48 43	170 134	193 129	156	51 39	102 45	55 19
50 to 99	farms	61 39	150 105	83 48	112 117 40	24	40 10	26 11
Other hogs and pigs	number farms, 1987	6 509 270	17 593 733	7 937 557	7 052 552	2 905 199	1 552 223	3 258 153
	1982 number, 1987 1982	344 100 775 112 223	803 247 851 211 496	654 135 464 169 280	689 142 828 163 717	290 56 394 66 801	281 38 729 46 498	194 38 279 41 754
LITTERS	7302.2	112 220	211 400	100 200	100 717	55 551	40 400	4,,,,,
Litters of pigs farrowed between -	4007	405	570	470		404	200	447
Dec. 1 of preceding year end Nov. 30 _	1982 number, 1987	195 261 18 158	579 680 53 348	478 572 27 959	441 574 30 608	134 205 9 219	200 245 9 911	117 170 9 862
Dec. 1 of preceding year and May 31.		19 973 177	44 095 538	33 190 439	32 076 411	11 900 119	9 230 184	9 496 112
	1982 number, 1987 1982	236 9 084 10 108	637 26 612 21 996	514 14 095 16 817	517 15 747 16 514	174 4 735 6 019	205 4 824 4 602	160 4 986 4 838
June 1 and Nov. 30	farms, 1987 1982	185 238	545 618	438 523	396 515	117 183	185 213	106 158
	number, 1987 1982	9 074 9 865	26 736 22 099	13 864 16 373	14 861 15 562	4 484 5 881	5 087 4 628	4 876 4 658
SALES								
Hogs and pigs sold	1982	299 387	791 876	616 757	608 800	224 323	245 322	157 226
	number, 1987 1982	194 631 198 220	474 860 380 483	271 236 321 925 29 631	271 314 301 065 29 247	111 556 127 958 12 417	88 454 84 616 9 235	89 435 77 878 8 403 7 870
1987 farms by number sold:	\$1,000, 1987 1982	22 439 22 653	52 187 41 541	35 303	32 031	14 054	8 431	
1 to 24	number	11 133	45 576	42 486	40 563	16 157	24 329	17 205 6
25 to 49 50 to 99	number	16 542 30	50 1 802 67	36 1 345 74	38 1 441 56	20 674 27	27 962 35	187 22
100 to 199	numbar farms	2 156 31	4 851 110	5 503 103	3 924 107	1 967 31	2 442 43	187 22 1 547 23 3 128
200 to 499	number farms	4 809 83	15 448 202	14 671 188	14 968 185	(D) 60	6 234 56	50
500 to 999		26 415 68 48 526	66 447 177 123 795	60 248 108 73 694	58 180 117 81 585	(D) 29 20 135	18 640 39 25 440	15 979 16 11 687
1,000 or more	number farms number	60 112 050	140 261 941	75 654 65 115 289	65 110 653	41 65 269	21 34 407	23 56 702
Feeder pigs sold		42 71	198 213	145 162	138 177	47 71	75 105	49 57
	number, 1987 1982	12 185 20 090	71 294 62 606	46 414 62 926	49 014 57 075	11 297 19 858	22 830 22 824	31 979 18 957 1 788
Hogs and pigs other than feeder pigs so	\$1,000, 1987 1982 old farms 1987	579 941 294	3 248 2 939 754	2 264 3 120 586	2 346 2 707 580	550 889 214	1 135 1 087 229	862
go and pigo onto than loader pigo of	1982 number, 1987	373 182 446	831 403 566	716 224 822	755 222 300	308 100 259	290 65 624	142 208 57 456 58 921
	1982 \$1,000, 1987	178 130 21 860	317 877 48 939	258 999 27 367 32 183	243 990 26 901 29 324	108 100 11 866 13 165	61 792 8 100 7 344	58 921 6 615 7 008
	1982	21 712	38 602	32 183	29 324	13 165	/ 344	, 000

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

INVENTORY Hogs and pigs	904 954 456 589 410 209 39 59	Des Moines 156 228 44 293	Dickinson	Dubuque	Emmet	Feyette	Floyd	Franklin
Hogs and pigsferms, 1987 1982 number, 1987	954 456 589 410 209	228 44 293						
1982 number, 1987	954 456 589 410 209	228 44 293						
number, 1987	456 589 410 209	44 293	230	846 943	172 209	580 687	298 350	372 478
1982	39	60 471	62 826 67 035	298 355 278 291	54 902 65 030	204 401 225 544	101 386 108 167	168 089 185 461
Ferms by inventory: 1 to 24ferms, 1987	59	31	6	60	15	54	32	
1982 number, 1987	438	38 407	13 82	63 743	13 167	81 703	45 291	23 37 309
1982	702	524	174	746	174	929	435	496
25 to 49ferms, 1987	31	18	12	46	5	40	27	18
1982	53	29	19	85	20	44	27	27
number, 1987	1 038	(D)	(D)	1 614	181	1 467	951	661
1982	1 945	1 061	713	3 125	690	1 623	920	990
50 to 99ferms, 1987	59	21	14	94	22	71	43	42
1982	58	34	21	118	32	82	52	53
number, 1987	4 036	1 481	1 005	6 438	1 561	4 961	3 209	3 025
1982	4 428	2 422	1 403	8 492	2 171	6 186	3 898	3 564
100 to 199ferms, 1987	124	24	31	184	44	123	46	69
	139	44	43	201	43	149	65	103
number, 1987	17 675	(D)	(D)	26 055	6 268	17 642	6 368	10 299
1982	20 041	6 183	6 007	27 449	6 167	20 361	8 839	14 178
200 to 499ferms, 1987	311	35	68	262	47	162	87	121
1982	322	45	101	300	57	189	101	143
number, 1987	101 791	11 224	21 916	82 212	13 684	50 487	26 629	37 536
1982	103 103	14 021	29 181	92 632	18 083	58 763	31 280	42 992
500 to 999ferms, 1987	229	17	21	142	27	84	39	67
1982	239	28	25	137	33	88	35	81
number, 1987	159 976	11 608	14 014	92 339	16 801	56 820	25 347	43 656
1982	160 452	16 965	18 557	89 798	22 317	58 139	24 353	53 936
1,000 or moreferms, 1987	111	10	12	58	12	46	24	32
1982	84	10	8	39	11	54	25	34
number, 1987	171 635	15 567	20 933	88 954	16 240	72 321	38 591	72 603
Hogs and pigs used or to be used for	119 538	19 295	11 000	56 049	15 428	79 543	38 442	69 305
breedingferms, 1987	753	111	119	671	111	421	201	237
1982	815	160	169	759	131	511	240	334
number, 1987 1982 1987 farms by inventory:	59 108 48 887	5 841 7 449	7 602 7 760	40 531 31 494	6 618 7 177	24 647 25 549	11 741 13 788	21 718 26 535
1 to 24	116	52	33	174	29	129	68	55
25 to 49	176	24	37	186	37	122	61	61
50 to 99	248	23	26	198	28	96	38	58
	213	12	23	113	17	74	34	63
number	34 024	2 818	4 015	18 476	3 009	12 196	6 414	14 932
Other hogs end pigsfarms, 1987	874	152	159	807	164	559	292	363
1982	912	214	221	898	202	659	336	458
number, 1987	397 481	38 452	55 224	257 824	48 284	179 754	89 645	146 371
1982	361 322	53 022	59 275	246 797	57 853	199 995	94 379	158 926
LITTERS	301 322	33 022	33 273	240 /9/	37 033	199 993	34 3/3	150 920
Litters of pigs ferrowed between —			400					
Dec. 1 of preceding year end Nov. 30farms, 1987	771	118	125	684	116	443	207	248
1982	832	171	174	787	137	539	262	346
number, 1987	87 616	9 267	10 753	61 002	8 491	37 568	19 161	33 319
1982	77 033	10 526 109	11 330	48 711 648	10 231 105	38 283 400	19 184 196	33 631 227
Dec. 1 of preceding year and May 31ferms, 1987 1982 number, 1987	792 44 138	158 4 681	158 5 486	743 30 611	126 4 148	496 18 456	240 9 762	308 16 557
June 1 and Nov. 30ferms, 1987	38 680	5 400	5 688	24 547	5 149	19 172	9 665	16 775
	741	103	115	650	106	415	187	236
1982	786	152	157	708	125	492	237	305
number, 1987	43 478	4 586	5 267	30 391	4 343	19 112	9 399	16 762
1982	38 353	5 126	5 642	24 164	5 082	19 111	9 519	16 856
SALES	30 333	3 120	3 042	24 104	5 002	13 111	3 313	10 000
Hogs end pigs soldfarms, 1987	930	174	179	892	182	611	311	400
1982_	1 004	250	242	982	222	731	377	516
number, 1987_	747 477	91 237	102 886	517 669	102 578	368 889	199 066	353 402
1982	601 584	107 426	109 195	415 762	117 776	383 763	189 183	324 355
\$1,000, 1987	82 525	9 172	11 822	54 171	10 940	39 880	20 139	36 557
1982 1987 farms by number sold: 1 to 24	66 327	10 900 21	12 071 6	45 429 42	12 232 12	42 196 40	20 248	37 964 19
1 to 24 tarms number 25 to 49 farms	402 26	265 265 15	66 6	496 496 40	165 10	520 37	397 25	271 14
number	911	515	190	1 450	401	1 384	860	511
50 to 99 terms	36	21	16	62	19	54	16	33
number 100 to 199 farms	2 577 93	1 550 31	1 178 : 23	4 334 114 16 170	1 364 25	3 895 88	1 158 37 5 429	2 393 54 7 847
number	13 236	4 010	3 184	16 179	3 504	(D)	5 429	94
200 to 499farms	214	35	64	285	45	150	78	
number 500 to 999 farms	67 581 267	10 947 29	21 162 39	90 062 201	13 957 31	(D) 130	25 726 69 46 755	30 323 99 70 361
1,000 or more	192 545	19 956	27 026	139 211	22 283	89 259	46 /55	70 261
	261	22	25	148	40	112	53	87
	470 225	53 994	50 080	265 937	60 904	212 065	118 741	241 796
Feeder pigs soldferms, 1987 1982	239	40 49	47 40	231 220	39 46	137	81 77	71 90
number, 1987	94 104	23 580	12 558	109 732	15 450	66 170	52 962	83 541
1982	85 852	25 864	12 716	64 081	24 546	57 304	35 154	59 078
\$1,000, 1987	4 250	1 230	612	5 001	649	3 081	2 541	4 011
1982	3 873	1 369	635	2 994	1 225	2 569	1 819	2 648
Hogs and pigs other than feeder pigs soldfarms, 1987	893	172	172	839	176	588	299	395
1982	966	241	229	935	213	694	365	499
number, 1987	653 373	67 657	90 328	407 937	87 128	302 719	146 104	269 861
1982	515 732	81 562	96 479	351 681	93 230	326 459	154 029	265 277
\$1,000, 1987	78 205	7 942	11 210	49 170	10 291	36 800	17 597	32 546
1982_	62 454	9 531	11 437	42 435	11 007	39 627	18 430	35 316

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

For meaning of abbreviations and symbols, see introductory te	xt]				1			
item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Herrison
INVENTORY								
Hogs and pigsferms, 1987_	162	182	384	305	323	374	380	250
1982_ number, 1987_	51 782	286 80 342	467 142 762	91 854	175 422	476 153 874	209 335	370 61 961
1982_ Farms by inventory: 1 to 24farms, 1987_	50 841	94 448	163 077	104 103	192 245	185 184	207 276	84 763 29
1982_ number, 1987_	_ 22	21 183	28 275	73 498	32 334	28 401	31 278	60 378
1982_ 25 to 49farms, 1987_	249	202	378 28	821 24	447	355 20	330 19	634 25 36
1982_ number, 1987_	_ 18 _ 378	25 478	27 1 014	23 810	18 494	26 698	20 661	898
1982_ 50 to 99farms, 1987_		959	994 37	783 38	639	866 41	718	1 208 47
1982_ number, 1987_	. 1 785	44 1 587	54 2 644	61 2 784	41 1 255	49 2 874	2 030	48 3 185
1982_ 100 to 199ferms, 1987_	31	3 087 29	3 945 72	4 296 60	3 008 46	3 527 62	2 948 53	3 200 56
1982_ numbar, 1987_ 1982_	4 114	51 4 062 7 165	95 9 945 13 693	74 8 204 10 039	73 6 443 11 204	74 8 878 10 209	92 7 860 12 790	99 7 850 13 171
200 to 499farms, 1987_	_ 40	58	118	88	105	107	119	63
1982_ number, 1987_	12 054	17 524	161 37 309	109 25 148	130 34 240 41 519	168 33 972	39 341	85 19 233
1982_ 500 to 999farms, 1987_ 1982_	_ 22	24 280 23 48	47 566 83 78	32 453 32 36	66	52 815 74 96	41 440 76 89	25 214 25 32
number, 1987_ 1982_	_ 14 884	16 504 32 522	54 125 52 374	20 439 22 360	44 962 57 966	49 515 65 081	50 531 58 753	16 203 21 371
1,000 or morefarms, 1982_ 1982_	_ 9	19 16	22 24	15 17	45 36	36 35	61 54	5 10
number, 1987_ 1982_	18 246	40 004 26 233	37 450 44 127	33 971 33 351	87 694 77 462	57 536 52 331	108 634 90 297	14 214 19 965
Hogs and pigs used or to be used for breedingfarms, 1987_		110	271	208	253	267	274	160
1982. number, 1987.	- 132 - 7 073	171 8 656	337 17 179	272 10 908	315 23 017	350 20 705	326 26 354	255 8 818
1982_ 1987 farms by invantory:		8 826	18 409	11 744	25 184	21 486	22 481	10 758
1 to 24	_ 23	39 33 17	65 74 87	89 61 37	66 52 61	56 61 81	51 62 77	80 39 24
50 to 99	_ 18	21 5 819	45 7 958	21 4 947	74 15 966	69 12 175	84 18 037	17 4 841
Other hogs and pigsfarms, 1987_ 1982_	_ 154	178 274	367 445	292 369	311 391	361 455	366 442	241 353
number, 1987_ 1982_	_ 44 709	71 686 85 622	125 583 144 668	80 946 92 359	152 405 167 061	133 169 163 698	182 981 184 795	53 143 74 005
LITTERS								
Litters of pigs farrowed betwaen — Dec. 1 of preceding year and Nov. 30farms, 1987_	. 121	115	279	216	261	278	288	167
number, 1987.	_ 138	179 15 587	353 24 988	292 16 486	329 33 420	363 28 820	338 38 232	272 11 677
1982_	8 096	13 594	26 689	18 448	35 272	31 669	32 355	16 408 155
Dec. 1 of precading year and May 31farms, 1987_ 1982_ number, 1987_	_ 127	111 163 7 845	260 317 12 927	196 265 8 247	245 305 15 955	255 336 14 237	272 308 19 171	242 5 776
June 1 and Nov. 30farms, 1987_	3 998	6 843 110	13 072 262	9 505 199	17 125 243	16 428 262	15 543 271	8 466 156
1982_ number, 1987_		163 7 742	321 12 061	265 8 239	293 17 465	329 14 583	316 19 061	220 5 901
1982_	4 098	6 751	13 617	8 943	18 147	15 241	16 812	7 942
SALES							400	900
Hogs and pigs soldfarms, 1987. 1982. number, 1987	_ 193	207 317 161 714	403 496 282 242	318 415 160 645	340 444 296 597	401 509 271 442	406 493 398 460	260 385 132 658
1982_ 1982_ \$1,000, 1987_	_ 1 72 925	158 153 17 974	287 986 29 918	167 310 17 018	330 776 32 318	301 863 28 671	352 307 42 300	175 574
1982_ 1987 farms by number sold:	- 8 015	17 685	31 341	17 657	35 871	33 051	39 074	12 240 15 179
1 to 24 farms_ number_	237	18 201	12 194	31 344	20 234	23 284	14 175	20 216
25 to 49 farms_ number_ 50 to 99 farms_	506	218	18 671	736	11 401	15 504 26	13 452 31	19 642 27
100 to 199	1 217	25 1 801 29	32 2 243 39	28 2 068 51	763 38	1 826 49	2 138 34	27 1 896 53
number_	_ 3 433	3 962	5 569	7 194	5 562	6 936	5 049	7 168
200 to 499	14 463	16 928 28	107 33 312 108	91 26 711 55	92 29 543 80	102 33 875 97	31 247 98	75 22 956 33
1,000 or more farms_	13 671	19 125 49	75 754 87	37 239 41	57 212 88	67 907 89	69 438 126	21 592 33
number. Feeder pigs soldfarms, 1987_	55 801	119 479 46	164 499 94	86 353 72	202 882	160 110 97	289 961 98	78 188
reeder pigs soldtarms, 1982_ number, 1987_	_ 36	61 23 173	104 55 794	102 36 265	95 52 328	88 44 104	77 76 899	65 99 48 297
1982- 1982- \$1,000, 1987-	_ 11 012	19 397 1 024	45 828 2 740	33 452 1 764	65 987 2 600	33 064 2 147	50 962 3 753	68 947 2 115 2 847
1982 Hogs and pigs other then feeder pigs sold farms, 1987	_ 505 _ 162	948 196	2 306 377	1 633 294	3 605 325	1 554 385	2 606 379	243
1982_ number, 1987_	- 186 - 78 471	302 138 541	478 226 448	391 124 380	427 244 269	496 227 338	480 321 561	356 84 361
1982. \$1,000, 1987. 1982.	_ 9 387	138 756 16 950 16 737	242 158 27 178 29 036	133 858 15 254 16 024	264 789 29 718 32 266	268 799 26 524 31 498	301 345 38 547 36 468	106 627 10 124 12 332
1902	- 1 / 510	1 10 /3/	29 030	1 10 024	1 32 200	1 31 430	1 55 456	12 002

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

[For meaning of abbraviations and symbols,	sae introductory ta	xt]				 1			
item		Henry	Howard	Humboldt	lde	lowa	Jackson	Jasper	Jefferson
INVENTORY									
Hogs end pigs	farms, 1987_ 1982_	_ 254 _ 332	358 427	199 274	313 381	450 588	561 655	490 638	234 316
	number, 1987_ 1982_	_ 98 895	98 541 98 108	95 334 102 062	92 880 113 442	158 470 189 986	135 969 151 223	208 824 237 087	77 588 89 253
Farms by invantory:			32	15	15	50	74	25	33
	1982_ number, 1987_	- 42 - 362	68 412	19 212	17 175	43 686	87 903	57 305	43 458
25 to 49		_ 17	865 38 37	241 11	194 19 22	527 31 31	1 064 66 71	649 22 43	540 12 28
	.1982 .number, 1987 .1982	_ 579	1 380 1 315	24 397 862	659 727	1 120 1 147	2 379 2 538	743 1 658	426 1 013
50 to 99		_ 28	47 71	25 30	35 45	41 56	84 85	46 66	34 52
	number, 1987_ 1982_	_ 2 016	3 339 5 080	1 751 2 144	2 290 3 240	2 869 3 968	5 937 6 098	3 194 4 610	2 340 3 687
100 to 199		_ 31	79 88	33 57	69 94	68 123	90 130	97 94	47 58
	number, 1987_ 1982_		11 052 12 022	4 556 7 913	9 780 12 839	9 129 17 546	12 258 17 738	13 829 12 339	6 511 8 351
200 to 499	farms, 1987 1982_		106 112	55 77	128 137	153 207	180 192	162 215	57 83
	number, 1987_ 1982_	_ 23 855 _ 29 924	33 009 34 184	(D) 23 311	38 858 42 191	47 775 66 315	54 894 56 273	53 771 68 280	17 503 24 867
500 to 999	1982.	_ 60	40 37	35 43	31 52	80 102	48 70	96 116	33 37
	numbar, 1987. 1982.		26 444 24 947	(D) 28 351	20 484 33 156	51 914 63 523	31 636 42 629	65 365 78 417	21 902 26 986
1,000 or mora	1982_	_ 31 (16 14	25 24	16 14	27 26	19 20	42 47	18 15
	number, 1987. 1982.		22 905 19 695	48 643 39 240	20 634 21 095	44 977 36 960	27 962 24 883	71 617 71 134	28 448 23 809
Hogs and pigs used or to be used for breeding	farms, 1987_ 1982_	_ 199 _ 250	281 344	125 173	203 256	378 493	445 540	395 515	175 245
	numbar, 1987. 1982.	13 642	13 798 12 357	10 657 11 679	10 188 11 841	20 839 23 884	19 924 18 817	25 478 27 158	9 407 11 107
1987 farms by invantory:			101	40	66	114	175	94	74
25 to 49 50 to 99		_ 51	87 52	27 28	62 51	102 113	136 92	98 128	40 32
100 or more		- 49 - 8 706	41 6 405	30 7 164	24 3 763	8 255	42 6 938	75 12 083	29 4 872
Other hogs and pigs	1982.	_ 317	342 389	189 267	306 361	430 561 137 631	511 603 116 045	477 606 183 346	221 297 68 181
	numbar, 1987. 1982.		84 743 85 7 51	84 677 90 383	82 692 101 601	166 102	132 406	209 929	78 146
LITTERS									
Litters of pigs farrowed between — Dec. 1 of preceding year and Nov. 30	farms 1987	208	290	132	215	384	459	408	177
boo. For proceeding your and nov. or and	1982. number, 1987.	259	362 19 057	186 15 970	266 16 161	504 29 752	563 29 188	539 39 897	260 15 258
Dec. 1 of preceding year and May 31	1982.		18 108 267	17 227 121	17 164 200	37 148 366	28 595 423	43 757 389	17 822 159
bec. For preceding year and way or	1982. number, 1987.	242	319 9 332	174 8 321	241 8 212	472 15 288	524 14 367	502 19 633	226 7 542
June 1 and Nov. 30	1982.	11 408 193	8 953 256	8 681 119	8 422 202	18 824 357	14 532 422	21 831 390	8 989 167
	1982. number, 1987.	10 891	316 9 725	163 7 649	251 7 949 8 742	467 14 464 18 324	501 14 821 14 063	501 20 264 21 926	237 7 716 8 833
SALES	1982.	11 553	9 155	8 546	0 /42	10 324	14 003	21 320	0 000
	forms 1007	275	366	219	347	462	581	510	255
Hogs and pigs sold	1967. 1982. .number, 1987	365	461 163 639	305 182 114	408 168 106	615 253 035	683 244 383	687 349 763	345 144 528
	1982. \$1,000, 1987.	210 844	150 731 17 427	202 832 18 662	181 930 19 425	311 149 29 627	232 138 24 761	390 840 38 270	158 328 14 121
1987 farms by number sold:	1982.		16 274	20 302	19 936	34 384	24 591	42 665	15 272
1 to 24	number.	212	19 263	10 141	12	26 318	43 515 43	22 297 21	29 436 16
25 to 49 50 to 99	number.	1 067	24 824 38	9 297 21	15 517 39	26 979 44	1 526 66	756 19	553 33 2 359 32 4 430
100 to 199	number.	1 420	2 806 67	1 531 31	2 928	3 087 64	4 743 81	1 323 60	2 359 32
200 to 499	number.	(D)	(D) 109	4 060 52	7 849 95	9 184	11 290 186	8 394 146	4 430 62
500 to 999	number.	(D)	(D) 66	16 934 44	28 918 87	40 365	58 285 104	47 496 129	19 491 44
1,000 or more	number.	29 048	44 653 43	31 476 52	58 672 42	75 881 70	68 983 58	92 954 113	32 524 39
Feedar pigs sold	number.	120 255	72 083 99	127 675 38	69 059	123 221	99 041 177	198 543 112	84 735 57
i seudi piys suiu	1982 number, 1987	91	111 28 931	51 37 405	84 17 133	134 25 134	197 63 011	154 54 329	96 41 150
	1982 \$1,000, 1987	39 889 1 405	26 952 1 314	52 234 1 939	23 564 786	41 934 1 321	46 875 2 817	62 009 2 517	45 867 1 960
Hogs and pigs other than feeder pigs solo	1982 1farms, 1987	1 962 264	1 238 345	2 613 215	1 159 333	2 077 445	2 218 533	2 980 481	2 132 236
	1982 number, 1987	144 447	134 708	297 144 709	393 150 973	589 227 901	624 181 372 185 263	664 295 434 328 831	303 103 378 112 461
	1982 \$1,000, 1987	17 473	123 779 16 113 15 036	150 598 16 723 17 689	158 366 18 639 18 777	269 215 28 305 32 307	185 263 21 945 22 373	35 754 39 686	12 161 13 140
	1982	20 014	15 036	17 689	18 ///	J 32 307	22 3/3	39 000	13 140

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

(For meaning of abbreviations and symbols, see introductory text							Т	
Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY								
Hogs and pigsfarms, 19871982 number, 1987	569 704 201 494	500 615 196 170	456 625 187 744	608 765 232 616	271 346 105 496	478 573 127 753	215 275 66 270	140 215 28 113
1982 Farms by invantory: 1 to 24	234 555 52 77	201 531 37 55	262 012 43 62	267 080 44 55	121 785 38 50	130 892 75 107	87 665 23 30	38 914 25
number, 1987 1982 25 to 49	573 822 38	526 577 37	530 875 28	502 636 29	432 419 13	819 1 149 54	277 373 16	25 22 295 306 15 25 561 888
1982	49	36	40	46	31	64	17	25
number, 1987	1 362	1 355	991	1 042	466	1 935	553	561
1982	1 746	1 336	1 464	1 691	1 076	2 192	586	888
50 to 99farms, 1987	77	49	42	68	23	58	25	22
1982	86	85	48	94	45	82	33	40
number, 1987	5 973	3 473	3 312	4 647	1 673	4 030	1 827	1 485
1982	6 137	5 772	3 670	6 764	3 105	5 738	2 432	2 908
100 to 199farms, 1987	94	107	75	119	50	83	37	29
1982	132	109	87	160	48	107	54	55
number, 1987	(D)	15 339	10 163	17 452	6 709	11 285	5 131	3 953
1982	18 543	15 458	12 151	21 888	6 408	14 520	7 145	7 792
200 to 499farms, 1987	180	149	129	201	74	127	62	33
1982	205	197	202	246	93	136	76	56
number, 1987	(D)	46 538	41 603	62 820	23 322	39 020	18 208	10 024
1982	63 088	61 346	63 499	76 100	29 367	41 636	24 410	16 321
500 to 999farms, 1987	84	81	95	97	45	59	45	14
1982	102	98	123	110	47	55	55	16
number, 1987	56 926	54 720	64 462	65 780	29 978	41 040	29 078	(D)
1982	70 129	63 927	81 206	73 969	31 940	36 538	35 564	(D)
1,000 or morafarms, 1987	44	40	44	50	28	22	7	2
1982	53	35	63	54	32	22	10	1
number, 1987_	67 081	74 219	66 683	80 373	42 916	29 624	11 196	(D)
1982 Hogs and pigs usad or to be usad for breedingfarms, 1987	74 090 452	53 115 361	99 147 395	86 032 445	49 470 201	29 119	17 155 179	(D) 101
1982 number, 1987 1982 1987 farms by inventory:	584 26 758 28 801	28 826 23 913	530 26 777 30 152	550 28 391 29 801	256 13 308 13 959	426 16 678 16 940	217 9 477 11 053	174 3 810 5 581
1 to 24	138	101	117	115	65	150	54	50
25 to 49	135	89	76	138	40	79	54	24
50 to 99	95	90	111	103	54	81	48	19
100 or more farms	84	81	91	89	42	41	23	8
numbar	13 757	18 193	15 073	15 020	7 472	6 639	3 622	1 122
Other hogs and pigsfarms, 1987	547	482	435	582	262	454	207	129
1982	670	585	591	734	323	538	259	205
number, 1987	174 736	167 344	160 967	204 225	92 188	111 075	56 793	24 303
LITTERS 1982	205 754	177 618	231 860	237 279	107 826	113 952	76 612	33 333
Litters of pigs farrowed between —								
Dac. 1 of pracading year and Nov. 30 farms, 1987	472	372	408	457	210	370	188	105
1982	612	470	546	575	272	448	226	184
number, 1987	42 476	40 954	42 616	41 901	20 481	23 241	14 143	5 612
1982 Dec. 1 of preceding year and May 31 farms, 1987 1982	44 989	37 402	46 608	44 760	22 155	23 252	16 342	7 808
	451	347	389	425	200	334	182	94
	571	428	502	533	255	403	211	160
number, 1987	21 419	19 862	21 605	21 565	10 239	11 403	7 036	2 776
1982	22 314	18 579	23 156	22 719	11 005	11 642	8 259	3 808
June 1 and Nov. 30farms, 1987	440	358	385	429	195	340	174	90
1982	568	434	500	516	242	389	204	163
number, 1987	21 057	21 092	21 011	20 336	10 242	11 838	7 107	2 836
1982	22 675	18 823	23 452	22 041	11 150	11 610	8 083	4 000
SALES		75 525	20 102	22 0				
Hogs and pigs soldfarms, 1987	594	534	486	647	285	508	228	142
1982 numbar. 1987 1982 \$1,000, 1987	747 350 424 389 509 37 802	360 436 327 586 37 865	350 450 395 304 37 209	816 392 010 453 134 43 210	363 187 062 198 754 20 227	208 731 203 365 23 876	295 114 918 139 839 12 750	240 46 575 63 384 4 796 6 357
1982 1987 farms by number sold:	40 773	36 711	42 112	49 465	20 406	23 352	15 091	
1 to 24 farms	31	27	22	24	26	57	16	15
number	297	380	275	261	298	596	171	169
25 to 49 farms	26	20	16	26	14	44	16	11
number	955 47	771 53	571 40	895 53	534 25	1 502	544 15	386 20
	3 373	3 740	2 954	3 851	1 703	3 936	1 055	1 426
	81	92	53	96	35	78	38	24
	11 565	13 221	7 310	13 514	(D)	11 287	5 244	3 459
200 to 499	183	133	122	197	73	132	47	43
	59 464	42 977	39 470	61 447	(D)	40 132	15 017	13 707
500 to 999ferms	120	110	112	128	49	80	64	21
number	82 295	73 081	76 541	90 531	38 132	54 594	42 372	14 953
1,000 or morefarms	106	99	121	123	118 855	62	32	8
number	192 475	226 266	223 329	221 511		96 684	50 515	12 475
Feeder pigs soldfarms, 1987farms, 1982	155	102	127	155	64	112	55	32
	212	119	147	155	95	132	77	63
number, 1987 1982	63 616 83 608	72 849 44 962	69 402 63 139	55 672 57 404	29 569 40 546	24 041 28 677	15 639 24 827	8 376 13 078 355
\$1,000, 1987 1982 Hogs and pigs other than feeder pigs soldferms, 1987	3 092 4 431 565	3 566 2 195 513	3 484 3 009 455	2 623 2 811 618	1 430 1 931 280	1 135 1 373 484	725 1 163 212	619 136
number, 1987	685	619	607	784	349	578	281	230
	286 808	287 587	281 048	336 338	157 493	184 690	99 279	38 199
1982	305 901	282 624	332 165	395 730	158 208	174 688	115 012	50 306
\$1,000, 1987	34 709	34 298	33 725	40 587	18 796	22 741	12 026	4 441
1982	36 342	34 516	39 102	46 654	18 476	21 979	13 928	5 738

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

[For meening of abbreviations end symbols, see introductory text]							
ltem	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY								
Hogs and pigsfarms, 1987 1982 number, 1987	567 714 200 491	275 411 71 853 98 007	496 634 231 333 277 006	381 508 129 745	300 359 110 052 113 677	169 231 42 997 58 529	387 434 145 781 160 352	230 292 57 242 68 466
1982 Farms by inventory: 1 to 24farms, 1987	201 205	51	277 006	162 451 47	34	30	50	31
1982	42	59	42	59	31	32	40	38
number, 1987	624	610	439	620	367	288	670	376
1982	579	684	503	769	324	376	498	438
25 to 49farms, 1987	26	26	26	46	22	8	30	24
1982	43	46	37	46	36	18	32	26
number, 1987	966	906	966	1 656	799	299	1 156	889
1982	1 547	1 606	1 391	1 656	1 301	603	1 132	897
50 to 99farms, 19871982	56	41	38	33	28	28	41	35
	96	57	65	66	40	34	54	40
number, 1987	3 714	2 951	2 834	2 172	1 967	1 916	2 797	2 448
1982	7 084	4 088	4 417	4 771	2 795	2 378	3 894	2 815
100 to 199farms, 1987	121	51	61	55	58	37	66	47
1982	188	98	81	78	65	57	70	63
number, 1987	17 448	7 404	8 395	7 726	8 432	5 469	9 100	6 490
1982_ 200 to 499farms, 1987	25 955 205	13 658 63	11 437 177	10 765 118	9 007	7 762 45	9 420	8 987 63
1982	218	98	194	150	112	59	144	89
number, 1987_	63 171	19 037	57 949	36 300	28 668	14 145	35 049	19 745
1982_ 500 to 999farms, 1987	64 158 75	29 190 35 37	62 633 101	46 254 59	35 782 44 58	18 180 18	45 557 59 61	27 804 24 30
1982 number, 1987 1982	101 50 044 62 872	24 061 23 428	158 70 401 103 406	76 38 987 50 598	29 107 38 496	25 12 462 16 791	41 358 41 758	16 256 19 442
1,000 or morefarms, 1987	39	8	52	23	26	3	33	6
1982_	26	16	57	33	17	6	33	
number, 1987	64 524	16 884	90 349	42 284	40 712	8 418	55 651	11 038
1982	39 010	25 353	93 219	47 638	25 972	12 439	58 093	8 083
Hogs and pigs used or to be used for breadingfarms, 1987	373	223	396	308	230	114	286	167
	433	321	511	432	258	169	317	229
number, 1987	23 967	9 676	30 275	19 601	14 682	5 420	20 494	8 010
1982	20 913	12 262	33 124	23 942	14 386	6 740	19 600	8 951
1987 ferms by inventory:	113	110	101	85	76	47	89	69
1 to 24	96	49	80	87	50	38	66	35
25 to 49	94	44 20	120 95	86 50	59 45	21 8	70 61	46 17
number	12 737	3 688	17 644	9 688	7 734	1 962	12 169	2 967
Other hogs and pigsfarms, 1987	549	255	477	344	290	158	365	
1982 number, 1987	689 176 524	394 62 177	610 201 058	480 110 144	343 95 370	212 37 577	419 125 287	99 35 46 17 2 967 217 273 49 232
1982	180 292	85 745	243 882	138 509	99 291	51 789	140 752	59 515
Litters of pigs farrowed between —								
Dec. 1 of preceding year and Nov. 30farms, 1987	394	238	415	330	238	115	298	175
1982_	455	338	538	454	276	178	330	239
number, 1987_	38 967	14 223	46 739	26 342	22 816	7 572	29 668	10 056
1982	32 647	18 134	54 436	33 770	22 109	9 410	29 344	12 149
Dec. 1 of preceding year and May 31farms, 1987	367	208	386	310	219	110	270	160
1982	419	312	504	414	252	170	309	215
number, 1987	19 880	6 692	23 449	13 215	11 006	3 840	14 709	5 0 51
1982_	16 378	9 217	27 204	15 990	11 515	4 950	14 775	6 101
June 1 and Nov. 30farms, 1987_	367	211	395	298	226	106	281	161
1982_	415	300	497	416	246	150	307	209
number, 1987	19 087	7 531	23 290	13 127	11 810	3 732	14 959	5 005
1982	16 269	8 917	27 232	17 780	10 594	4 460	14 569	6 048
SALES								
Hogs and pigs soldfarms, 1987	599	297	534	402	315	170	406	247
1982	768	441	688	549	389	246	464	321
number, 1987	404 640	123 559	407 094	227 507	191 669	77 324	273 074	101 724
1982	364 117	160 842	446 177	280 905	199 017	105 463	250 435	117 707
\$1,000, 1987 1982 1987 farms by number sold:	39 883 38 757	12 792 16 901	44 745 48 316	23 307 28 181	21 256 21 938	8 627 11 109	29 681 27 903	11 173 12 647
1 to 24 farms	20	33	24	17	28	11	23	20
number_	267	489	298	212	348	113	286	188
25 to 49 farms	17	24	23	27	17	11	25	25
number_	627	853	871	935	581	(D)	893	860
50 to 99	2 202 91	42 3 035 42	35 2 658 65	35 2 503 54	28 2 005 33	(D) 41	47 3 411 57	188 25 860 28 2 138 40
number_	(D)	5 824	9 318	7 888	4 513	5 752	7 848	5 636
200 to 499 farms_		78	135	124	84	48	95	64
number_	(D)	24 307	43 502	39 946	25 378	15 075	30 224	20 029
500 to 999	130	54	120	75	63	30	74	
number 1,000 or more farms	89 690 121	39 743 24	87 244 132	51 129 70	43 669 62	18 806 15	51 437 85	52 36 262 18 36 611
number	239 454	49 308	263 203	124 894	115 175	36 351	178 975	64
Feeder pigs soldfarms, 1987	164	83	110	141	59	27	102	
1982	154	157	162	183	68	47	81	76
number, 1987	106 898	24 129	58 357	63 237	22 717	7 036	45 999	18 712
1982	69 931	41 363	71 489	72 108	32 790	23 083	27 217	20 443
\$1,000, 1987	4 839	1 119	2 484	3 232	1 070	304	2 321	799
1982	3 092	1 872	3 282	3 891	1 590	1 033	1 378	929
Hogs and pigs other than feeder pigs soldfarms, 1987 1982	558	281	510	371	305	160	397	234
	719	407	651	494	375	241	447	301
number, 1987	297 742	99 430	348 737	164 270	168 952	70 288	227 075	83 012
1982	294 186	119 479	374 688	208 797	166 227	82 380	223 218	97 264
\$1,000, 1987	35 044	11 672	42 262	20 074	20 186	8 323	27 360	10 374
1982	35 665	15 029	42 262 45 033	24 290	20 349	10 076	26 524	11 718

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text]								
item	Monroe	Monigomery	Muscetine	O'Brien	Osceole	Pege	Pelo Alto	Plymouth
INVENTORY								
Hogs and pigsfarms, 1987	161 245 31 726	229 275 61 284	271 389 91 269	536 578 219 771	260 346 97 240	315 412 82 672	342 400 113 704	865 1 035 333 224
1982 Farms by inventory: 1 to 24	51 104 37	71 985 24	120 660	210 546 30	105 217	105 828	130 288	364 849 38
1982 number, 1987	51 390	18 303	40 424	34 390	33 188	40 324	19	66 588
1982 25 to 49ferms, 1987	524 17	162 21	493 21	430 29	440 14	454 42	217	828 55 42
1982 number, 1987 1982	29 603 1 007	23 735 843	21 752 704	27 1 104 972	15 521 530	31 1 496 1 094	23 584 832	42 1 914 1 546
50 to 99farms, 1987farms, 1982	28 40	23 39	30 50	56 57	31 38	54 66	38 45	86 91
number, 1987 1982	1 962 2 798	1 586 2 938	2 053 3 436	4 042 4 180	2 222 2 742	3 778 4 557	2 816 3 209	6 095 6 430
100 to 199farms, 1987 1982 number, 1987	28 41 3 561	60 65 8 634	46 77 6 807	110 109 16 246	53 87 7 194	60 98 8 364	70 83 9 769	142 187 19 998
1982	5 543	9 308	10 671	15 630	11 722	12 781	11 711	26 294
200 to 499ferms, 1987 1982 number, 1987	35 53 11 110	71 97 21 930	76 122 23 194	174 219 53 694	93 115 28 587	88 122 26 570	120 150 37 641	301 384 94 166
1982 500 to 999farms, 1987	15 764 12	29 141 20	36 821 45	67 880 82	34 866 41	37 297 36	45 889 56	116 408 173
1982 number, 1987 1982	25 7 685 15 810	23 13 552 15 176	58 30 075 36 132	92 56 601 60 865	26 684 29 008	23 541 27 264	58 37 293 37 087	210 114 405 138 455
1,000 or morefarms, 1987 1982	4	10 10	20 21	55 40	12	12	19 22	70 55
number, 1987 1982	6 415 9 658	14 544 14 417	27 964 32 403	87 694 60 589	31 844 25 909	18 599 22 381	25 312 31 343	96 058 74 888
Hogs and pigs used or to be used for breedingfarms, 1987	119 195	175 207	200 303	365 387	157 203	224 297	233 292	678 803
number, 1987 1982	5 046 7 143	8 354 8 943	10 290 13 093	25 937 23 017	10 950 11 158	10 634 11 485	13 572 14 579	47 344 45 125
1987 ferms by inventory: 1 to 24	69	63	66	103	36	91	68	159
25 to 49	28 16 6	52 37 23	55 51 28	104 89 69	47 52 22	61 46 26	63 68 34	138 216 165
number Other hogs and pigsfarms, 1987	(D) 150	3 354 218	3 932 256	14 950 517	5 341 252	4 350 307	6 038 337	25 605 833
1982 number, 1987 1982	214 26 680 43 961	265 52 930 63 042	372 80 979 107 567	551 193 834 187 529	329 86 290 94 059	402 72 038 94 343	387 100 132 115 709	997 285 880 319 724
LITTERS	40 301	00 042	107 307	107 323	34 033	34 040	110 700	010 724
Litters of pigs farrowed between—		400					210	
Dec. 1 of preceding year and Nov. 30farms, 1987_ 1982_ number, 1997_	125 197 8 524	182 220 12 311	208 316 15 879	381 397 40 305	163 212 17 036	234 314 16 648	242 305 21 328	693 835 70 490
1982 Dec. 1 of preceding year and May 31ferms, 1987	10 617 117	12 394 163	19 855 194	35 589 358	16 372 154	17 663 227	21 949 224	67 440 645
1982 number, 1987	177 4 276	205 5 560	300 7 994	378 20 020	198 8 552	288 8 428	281 11 002	776 35 552
1982 June 1 and Nov. 30farms, 1987 1982	5 234 117 172	6 491 162 185	9 836 193 295	17 779 352 375	8 090 146 184	9 015 217 281	11 078 226 281	33 469 648 783
number, 1987 1982	4 248 5 383	6 751 5 903	7 885 10 019	20 285 17 810	8 484 8 282	8 220 8 648	10 326 10 871	34 938 33 971
SALES								
Hogs and pigs soldfarms, 1987	163 254	250 303	289 421	574 616	271 376	332 436	370 438	897 1 093
number, 1987 1982	75 059 93 014	99 489 109 818	152 451 185 168	409 093 401 409	178 655 191 191	147 801 172 527	219 650 227 269	1 093 626 498 579 929 63 878 60 306
\$1,000, 1987 1982 1987 farms by number sold:	6 561 8 791	11 511 12 905	16 996 20 657	44 297 43 694	18 340 19 640	15 553 18 639	23 642 24 732	63 878 60 306
1 to 24 farms	20 228	22 294	19 282	12 168	9 88	28 431	25 302	26 361 33 1 238 67 4 782
25 to 49 ferms number	12 (D)	16 593	22 831	13 506	290	19 635	430	1 238 1 238
50 to 99	28 (D) 22	30 2 319 45	26 1 883 43	52 3 859 94	21 1 576 39	27 1 952 67	21 1 400 45	94
number 200 to 499 ferms	(D) 47	6 222 80	5 870 68	13 132 153	5 372 92	9 217	6 142 122	13 509
number 500 to 999 farms	13 594 18	24 405 30	21 220 67	49 870 133	30 327 53	32 847 55	40 703 78	235 75 643 213
number 1,000 or morefarms	12 181 16	21 205 27	46 749 44	93 176 117	35 704 49	37 458 35 65 261	52 100 68 118 573	148 855 229 382 110
number Feeder pigs soldfarms, 1987	43 598 39	44 451 40	75 616 47	248 382 118	105 298 64 73	58 83	74 72	226
1982 number, 1987 1982	79 27 347 29 576	40 7 629 6 066	74 13 287 15 640	122 64 419 68 051	36 417 36 585	24 290 23 942	29 887 30 806	140 748 119 962
\$1,000, 1987 1982	1 174 1 416	346 274	572 733	3 228 3 324	1 690 1 737	955 1 099	1 340 1 570	6 602 5 594
Hogs and pigs other than feeder pigs soldfarms, 1987 1982 number, 1987	150 219 47 712	241 295 91 860	281 402 139 164	555 587 344 674	255 352 142 238	324 422 123 511	359 424 189 763	838 1 023 485 750
1982 \$1,000, 1987	63 438 5 387	103 752 11 165	169 528 16 424	333 358 41 069	154 606 16 650	148 585 14 598	196 463 22 302	280 140 748 119 962 6 602 5 594 838 1 023 485 750 459 967 57 276 54 712
1982	7 376	12 630	19 924	40 370	17 903	17 539	23 161	54 712

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

togs and pigs	[For meening of ebbrevietions and symbols, see introductory text			1					
Pege and pigs	Item	Pocahontas	Palk	Pottawattamie	Poweshiek	Ringgald	Sec	Scott	Shelby
	INVENTORY								
Fame by meatary: Fame by meatary:	number, 1987	366 117 561	225 40 610	615 132 246	481 115 888	276 54 322	525 219 218	440 137 971	585 174 150
1	Ferms by inventory: 1 to 24farms, 1987 1982	21 18	23 33	58 80	35 45	21 49	19 34	31 51	27 46
1 100 to 199	1982 25 to 49farms, 1987 1982	230 21 23	323 11 35	1 013 54 52	471 18 31	573 24 21	398 20 27	645 18 24	581 28 34
100 to 199	1982 50 to 99ferms, 1987 1982	825 28 50	1 206 20 33	1 889 65 87	1 063 46 49	711 33 50	926 44 56	873 22 40	1 214 61 74
992. 9 730 6 265 10 062 14 886 7 706 12 447 11 652 13 252 14 886 7 706 12 447 11 652 13 252 14 14 186 15 15 15 15 15 15 15 15 15 15 15 15 15	1982 100 to 199farms, 1987 1982	3 618 55 71	2 253 29 45	6 010 115 132	3 501 85 107	3 558 50 49	4 029 67 91	2 715 60 84	5 118 86 135
500 to 999	1982 200 to 499farms, 1987 1982	9 730 89 123	6 265 54 48	19 062 151 187	14 886 115 160	7 036 66 78	12 487 152 178	11 632 113 134	18 252 180 189
1982. 42 96 17 682 36 365 46 465 14 524 61 808 50 186 52 279	1982_ 500 to 999farms, 1987 1982	38 539 72 66	14 188 12 26	57 210 39 55	50 245 57 70	22 942 18 23	54 055 80 92	41 080 60 75	57 038 79 79
Hogs and pigs used or to be used for the bused for tendenty. 1882. 1982 1983 1985 28 30 21 48 46 808 1984 1982 1982 1982 1982 1983 1982 1982 1982 1983 1983 1983 1983 1983 1983 1983 1983	1,000 or more	42 936 17 15	17 682 6 5	23 22	17 19	9	55 47	34 32	31 28
1987 ferms by inventory: 1982 1987 ferms by inventory: 1982 1987 ferms by inventory: 1982 1987 ferms by inventory: 1982 1987 ferms by inventory: 1982 1982	Hogs end pigs used or to be used for breeding farms, 1987	22 767 196	7 925 118	37 386 359 452	27 935 283 393	7 535 168 214	77 955 337 393	46 128 258 338	46 836 329 388
50 to 199	1982 1987 ferms by inventory:	13 543 61	5 904 32	20 305	17 088 86	6 674	25 950 84	17 385 62	19 628 89
1982 356 203 564 458 264 501 419 554 504 505 504 506 12 255 508 504 506 12 255 508	50 to 99 farms 100 or more number	57 35 6 970	33 10 1 797	71 32 6 656	72 44 7 239	23 15 2 216	95 84 (D)	59 58 8 961	88 54 9 730
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 — farms, 1987. Dec. 1 of preceding year and Nov. 30 — farms, 1987. Dec. 1 of preceding year and Nov. 30 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of preceding year and May 31 — farms, 1987. Dec. 1 of state year year year year year year year yea	1982 number, 1987	356 104 212	203 34 953	584 115 232	458 100 094	264 47 672	501 191 966	419 121 265	564 153 848
Dec. 1 of preceding year and Nov. 30	LITTERS								
Dec. 1 of preceding year and May 31farms, 1982. 191 115 230 182 424 379 212 374 328 357 number, 1987. 10 178 3 936 13 237 12 477 5 203 19 892 12 583 15 974 1982. 10 618 4 307 14 731 12 740 4 834 19 040 13 212 15 136 15 136 111 344 277 156 326 252 326 1982 1982. 10 618 4 307 14 731 12 740 4 834 19 040 13 212 15 136 15 136 111 344 277 156 326 252 326 188 1982. 10 618 1982. 10 618 4 307 12 461 12 437 5 137 20 186 12 435 16 435 16 435 18 937 13 067 15 206 18 18 18 18 18 18 18 18 18 18 18 18 18	1982 number, 1987	252 19 822	179 7 908	469 25 698	410 24 914	228 10 340	401 40 078	350 25 018	401 32 433
June 1 and Nov. 30	Dec. 1 of preceding year and May 31farms, 1987 1982	191 230	115 162	351 424	274 379 12 477	166 212 5 203	324 374 19 892	245 328 12 583	320 357 15 974
SALES Hogs and pigs sold	June 1 and Nov. 30farms, 1987 1982 number, 1987	185 229 9 644	111 148 3 970	344 413 12 461	277 375 12 437	158 203 5 137	328 376 20 186	252 326 12 435	326 363 16 459
Hogs and pigs sold larms, 1987. 323 169 546 385 221 447 353 514 1982. 408 242 666 512 295 549 465 629 1982. 230 934 85 284 258 641 210 659 86 629 349 174 234 250 298 996 340 174 244 257 274 247 247 247 247 247 247 247 247 24		10 309	4 303	13 912	12 944	4 643	16 937	13 067	15 200
Number 1987 224 380 73 131 239 278 210 829 89 820 384 947 218 118 300 106 1982 230 934 85 284 258 641 210 659 86 629 349 174 234 250 298 996 24 946 23 108 9 831 40 883 25 721 30 518 25 10 24 24 946 23 108 9 831 40 883 25 721 30 518 24 946 23 108 9 831 40 883 25 721 30 518 25 10 24 2	Hogs and pigs soldfarms, 1987								514
1987 farms by number sold: 1 to 24	number, 1987 1982 \$1,000, 1987	224 380 230 934 24 436	73 131 85 284 7 991	239 278 258 641	210 829 210 659 23 108	89 820 86 629 9 831	384 947 349 174 40 883	218 118 234 250 25 721	300 106 298 996 30 518
25 to 49	1987 farms by number sold: 1 to 24 farms	13	15	53	18	14	8	25	14
Solution Solution	25 to 49 farms number	19	14	35	19	709	14 540	18 662	32 1 193
number_ 6 408 3 334 11 634 9 590 (D) 6 952 6 227 10 892 200 to 499	number	14 1 082	946	76 5 744	2 476	(D)	1 904	1 623	2 935
number. 27 618 18 479 49 040 29 475 26 877 38 798 31 357 49 580 500 to 999 farms. 78 29 100 94 31 111 73 113 1,000 or more number 54 492 19 489 68 078 65 890 21 935 77 447 50 550 77 269 1,000 or more farms 70 16 45 57 20 121 76 8 8 number 133 921 30 216 102 925 12 545 34 037 259 192 127 422 158 071 Feeder pigs sold farms, 1987 54 42 127 66 45 119 54 119 1982 88 56 142 104 61 126 64 105 1982 57 591 16 665 61 243 22 980 14 647 67 302 16 901 59 805 1 699 \$1,000, 1987 1 699 415	number	6 408	3 334	11 634	9 590	(D)	6 952	6 227	10 892
1,000 or more	number	27 618	18 479	49 040	29 475 94	26 877 31	38 798 111	31 357 73	49 580 113
Feeder pigs soldfarms, 1987	1,000 or more farms	70	16	45	57	20	121	76	83
number, 1987_ 35 176 8 918 51 078 36 049 14 711 75 104 12 410 78 597 1982_ 57 591 16 665 61 243 22 980 14 647 67 302 16 901 59 805 51,000, 1987_ 1 1 699 415 2 238 1 779 777 3 482 583 3 711	Feeder pigs soldfarms, 1987	54	42	127	66	45	119	54	119
. 1982 2 808 851 3 002 1 088 631 3 240 775 2 716	number, 1987 1982	35 176 57 591	8 918 16 665	51 078 61 243	36 049 22 980	14 711 14 647	75 104 67 302	12 410 16 901	78 597 59 805
1982_ 390 227 638 495 276 516 448 607 number, 1987_ 189 204 64 213 188 200 174 780 75 109 309 843 205 708 221 509 1982_ 173 343 68 619 197 398 187 679 71 982 281 872 217 349 239 191 \$1,000, 1987_ 22 737 7 576 22 708 21 330 9 054 37 401 25 138 26 808 1982_ 20 416 8 185 23 841 22 621 8 476 33 942 26 874 28 464	. 1982	2 808	851	3 002	1 088	631	3 240	775	2 716
1982 173 343 68 619 197 398 187 679 71 982 281 872 277 349 239 191 191 191 191 191 191 191 191 191 1	1982 number, 1987	390 189 204	227 64 213	638 188 200	495 174 780	276 75 109	516 309 843	448 205 708	607 221 509
	\$1,000, 1987	22 737	7 576	22 708	21 330	9 054	37 401	25 138	26 808 28 464

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text]		1						
Item	Sioux	Story	Tema	Taylor	Union	Ven Buren	Wapello	Warren
INVENTORY								
Hogs and pigsfarms, 1987	1 021	266	461	223	186	200	196	300 379
1982	1 121	361	609	324	267	317	275	379
number, 1987	441 534	110 672	138 669	62 873	44 487	56 843	48 166	91 113
1982	416 014	125 505	162 177	66 253	55 317	72 089	59 680	112 532
Ferms by inventory: 1 to 24	44	28	47	35	28	39	43	71
1982_	45	37	75	48	41	60	66	60
number, 1987_	596	280	588	431	268	439	401	842
1982	535	414	884	642	464	616	738	665
25 to 49farms, 1987	37	14	42	22	22	21	16	31
1982	59	20	49	40	30	38	30	46
number, 1987	1 430	483	1 499	738	742	752	527	1 055
1982	1 997	759	1 742	1 473	1 062	1 393	1 081	1 625
50 to 99farms, 1987	87	29	49	36	24	26	24	30
1982	114	44	70	54	43	47	45	62
number, 1987	6 424	1 946	3 488	2 511	1 685	1 907	1 600	2 024
1982	8 197	3 186	4 634	3 686	3 118	3 459	3 030	4 497
100 to 199farms, 1987	187	45	83	51	38	42	38	46
1982	196	64	116	80	64	66	41	66
number, 1987	26 016	6 017	(D)	7 567	5 401	6 012	4 911	6 436
1982	26 526	9 343	16 902	10 913	8 591	9 370	5 692	9 175
200 to 499farms, 1987	354	80	156	60	45	47	40	72
1982 number, 1987 1987	427 115 486 136 835	117 25 056 36 974	199 (D) 60 007	78 19 626 23 706	59 14 278 18 052	63 14 136 19 186	55 12 373 16 700	86 22 795
1982 500 to 999	224 214	49 56	59 79	12	24 22	16 31	26 26	27 153 32 37
number, 1987	146 715	32 225	37 624	8 253	16 621	10 627	17 148	21 464
1982 :	139 758	36 009	50 890	11 815	14 443	18 997	16 861	24 464
1,000 or moreferms, 1987 1982	88 66	21 23	25 : 21	7 6	5 8	9 12 22 970	9 12	18 22 36 497
number, 1987 1982 Hogs and pigs used or to be used for	144 867 102 166	44 665 38 820	35 367 27 118	23 747 14 018	5 494 9 587	19 068	11 206 15 578	44 953
breedingfarms, 1987	604	190	346	176	148	162	154	231
1982	720	272	445	255	212	251	214	307
number, 1987 1982 1987 farms by inventory:	47 426 40 319	14 715 14 082	16 846 17 618	8 134 9 628	5 280 6 328	10 593 10 930	6 894 6 947	307 14 288 16 608
1 to 24	131	62	115	76	71	72	70	97
25 to 49	119	33	104	52	43	50	35	60
50 to 99	200	55	91	38	22	20	27	42
	154	40	36	10	12	20	22	32
	27 521	9 050	5 744	2 864	1 499	6 627	2 939	8 457
Other hogs and pigsfarms, 19871982	994	256 342	436 583	208 301	176 245	186 295	190 255	281 356
number, 1987	394 108	95 957	121 823	54 739	39 207	46 250	41 272	76 825
1982	375 695	111 423	144 559	56 625	48 989	61 159	52 733	95 924
LITTERS								
Litters of pigs farrowed between — Dec. 1 of preceding year and Nov. 30farms, 1987	627	198	357	189	154	165	158	240
1982	753	281	465	268	217	259	228	321
number, 1987	74 495	23 743	24 833	12 734	8 323	15 732	10 051	20 414
1982	62 301	21 861	26 612	13 551	9 195	16 323	11 792	22 008
Dec. 1 of preceding year and May 31farms, 1987	605	191	334	172	144	149	141	216
1982	703	257	424	245	199	234	195	286
number, 1987	38 030	12 150	12 458	6 342	4 084	7 436	4 959	10 242
1982	31 557	11 089	13 427	6 699	4 606	8 220	5 883	10 465
June 1 and Nov. 30farms, 1987	589	181	323	172	137	156	143	218
1982	687	261	412	236	195	229	192	294
number, 1987	36 465	11 593	12 375	6 392	4 239	8 296	5 092	10 172
1982	30 744	10 772	13 185	6 852	4 589	8 103	5 909	11 543
SALES								
Hogs and pigs soldferms, 1987 1982	1 070 1 198	290 392	491 655	231 345	186 281	206 342	197 293	310 405 163 172 180 192 16 511
number, 1987 1982 \$1,000, 1987	873 187 711 065 90 993	221 283 208 755	249 542 270 181	98 679 106 484 10 543	74 186 90 089 7 430	132 498 134 395 11 075	83 003 96 970 8 934	163 172 180 192 16 511
1982 1987 ferms by number sold:	75 776	24 026 22 442	27 920 30 158	11 052	9 675	12 674	10 449	18 361
1 to 24	28	20	36	16	18	21	29	41
	319	220	481	197	251	226	326	478
	22	11	22	22	12	16	18	24
number 50 to 99	795 59	455 18	742 47	798 22	400 22	632 25	610 18	24 890 40
number 100 to 199	4 214 108 15 166	1 345 38 5 210	3 448 82 11 766	1 482 38 5 441	1 517 28 4 263	1 812 27 3 966	1 321 29 4 140	2 768 39 5 415
200 to 499 ferms	307	80	141	77	52	62	44	78
	97 782	25 341	46 685	23 023	17 059	18 998	13 711	23 889
number 500 to 999	97 782 260 184 643	63 44 095	93 64 323	23 023 42 27 725	37 26 244	38 27 253	33 22 660	50 36 292
1,000 or morefarms	286	60	70	14	17	17	26	38
number	570 268	144 617	122 097	40 013	24 452	79 611	40 235	93 440
Feeder pigs soldferms, 1987	220	72	104	72	62	67	40	79
1982	258	83	130	92	86	101	58	138
number, 1987	173 790	41 607	33 137	20 418	18 077	69 102	14 773	46 183
1982	121 584	28 348	40 200	20 277	18 993	49 149	18 614	52 402
\$1,000, 1987	8 310	2 133	1 606	1 001	824	3 545	707	2 198
1982 Hogs and pigs other than feeder pigs soldferms, 1987	5 849 1 031	2 133 1 475 282	1 887 468	973 211	875 169	2 438 188	929 189	2 791 293 373
1982	1 140	380	635	313	260	322	271	373
number, 1982	699 397	179 678	216 405	78 261	56 109	63 396	68 230	116 989
1982	589 481	180 407	229 981	86 207	/1 096	85 246	78 356	127 790
\$1,000, 1987	82 682	21 893	26 314	9 543	6 606	7 530	8 227	14 313
1982	69 928	20 966	28 270	10 079	8 800	10 236	9 520	15 570

Table 12. Hogs and Pigs-Inventory, Litters, and Sales: 1987 and 1982-Con.

NVENTORY	Item		Weshington	Weyne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Barrier by sirventory			Westington	Weyne	Webstei	Williebago	**IIII/esiller	Woodbury	VVOILI	vvrigit
### 1982 291 000 30 007 65 798 77 797 10 505 14 680 79 81 ### 1984 1	nd pigs	ırms, 1987								197
Fame by Inventory:		1982 nber, 1987	291 267	38 007	95 799	77 367	183 559	144 487	71 694	303 73 215
Number 1982 148 258 359 31 109 679 586 109 258 258 2	s by inventory:									111 571
25 to 49		1982	46	23	35	31	100	67	36	17 197
1822 1 42 264 32 28 27 10 65 30 30 30 30 30 30 30 3		i982	530	390	401	483	1 082	790	422	167
So to 99		1982 nber, 1987	1 190	870	575	326	2 109	955	582	14 27 539
1982	to 99				1			1		966 18
100 to 199. — farms, 1897. — 74. 31 38 52 147 82 35 58 1 1997 7. 578 1997. — 10 285 4 105 5 408 6 42 7 788 25 588 11 203 5 281 1992. — 14 789 7 884 8 642 7 788 25 588 11 203 5 281 1992 7 7 578 1992 — 14 115 1992 7 884 8 642 7 788 25 588 11 203 5 281 1992 7 7 578 1992 — 14 115 1992 7 884 8 642 7 788 25 588 11 203 7 7 578 1992 — 14 115 1992 7 884 8 642 7 788 25 588 1997 7 7 578 1992 — 14 115 1992 7 884 8 1992 7 884 8 1992 7 884 8 1992 7 884 8 1992 7 8		1982 nber, 1987	3 369	1 498	1 727	2 439	7 776	3 806	2 173	34 1 331
Number, 1887. 10 286	0 to 199	arms, 1987	74	31	39	52	147	82	35	2 292 40
200 to 499.	nu	nber, 1987	10 295	4 105	5 408	7 218	21 296	11 293	5 261	64 5 413 8 791
number, 1987. 51 919 14 115 27 986 29 235 62 885 41 081 25 414 15 50 10 999 1 1 1 1 15 15 27 986 29 235 62 885 41 081 25 50 986 18 18 18 18 18 18 18 18 18 18 18 18 18	0 to 499	ırms, 1987	161	46	91	92	206	136	80	61
500 to 999e	nu	nber, 1987	51 919	14 115	27 896	29 235	62 895	41 081	25 414	95 19 494
number 1987. 98 835 5 580 28 684 22 127 50 288 48 131 23 622) to 999	arms, 1987	141	8	42	33	76	73	36	29 171 31 44
1,000 or more	nu	nber, 1987	95 835	5 580	28 664	22 127	50 288	48 131	23 623	21 345 28 790
Number 1987 128 112 11 494 31 246 15 980 38 042 38 041 386 14 386 14 386 14 386 14 494 1955 25 20 30 30 32 160 18 36 18 36 18 36 18 36 18 37 37 37 37 37 37 37 3	00 or more	arms, 1987	79	8	15	11	25	24	10	15 22
thogs and pigs used or to be used for preeding - farms, 1887.	nu	nber, 1987	128 012	11 484	31 246	15 980	38 042	38 601	14 396	24 896 41 394
Number 1987. 4994 5 045 11 62 10 038 22 963 23 381 11 284	and pigs used or to be used for eding	į	488	135	162	171	529	337	151	138
1987 farms by inventory: 1 to 24		1982 nber, 1987	41 993	5 045	11 163	10 087	23 038	20 318	8 540	217 9 933
Total of more	87 farms by inventory:									14 321 52
Total of more	10 24		98	31	42	48	178	88	46	20 36
Other hogs and pigs	00 or more	tarms	144	13	32	27	51	55	22	30 6 176
Litters of pigs farrowed between— Dec. 1 of preceding year and Mov. 30		arms, 1987 1982	560	157	243	232	671	434	222 275	190 282
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30	nu									63 282 97 250
Dec. 1 of preceding yeer and Nov. 30	RS									
1982		4007	400	100	400	404	E46	050	160	143
Dec. 1 of preceding year and Mey 31		1982	619	181	243	230	665	477	240	235 14 724
1982		1982	77 265	10 133	20 181	15 470	34 025	31 463	15 355	21 547
SALES 1982		1982	581	170	226	213	597	428	220	134 223 7 500
1982		1982	38 306	5 303	10 074	7 602	17 007	16 055	7 502	11 099 135
SALES Hogs and pigs sold		1982	585	167	216	205	587	412	211	198 7 224
Hogs and pigs sold		1982	38 959	4 830	10 107	7 868	17 018	15 408	7 853	10 448
1982 738 251 358 331 843 639 332 1982 574 390 70 369 178 275 142 260 320 287 251 467 122 653 1982 633 853 82 202 196 058 147 479 291 478 283 541 133 097 1987 56 567 7 080 19 605 15 178 34 265 25 691 13 754 10 24 1982 62 568 8 623 20 735 15 781 31 036 29 361 15 059 1987 farms by number sold: 1987 farms by number sold: 1 to 24 1 farms 24 16 21 3 50 37 12 10 10 10 10 10 10 10 10 10 10 10 10 10										***
\$1,000, 1987 \$63, 853		1982	738	251	358	331	843	639	332	219 340
1987 farms by number sold: 1 to 24		1982	633 853	82 202	196 058	147 479	291 478	283 541	133 097	219 340 143 753 200 582 15 234 21 342
1 to 24			62 568	8 623	20 735	15 781	31 036	29 361	15 059	21 342
number - farms - low to 199 - low	0 24	number	290	224	274	22	679	430	126	9 127
number - loop to 199 number - loop terms -		number	800	752	362	352	1 400	1 137	543	14 526
number_ 8 030 5 199 4 024 5 401 16 799 7 594 4 018 200 to 499		number 1	2 651	1 020	1 606	1 350	6 422	3 144	1 531	21 1 510 26
number_ 40 631 18 461 22 619 23 328 73 038 41 289 25 734 500 to 999		number	8 030	5 199	4 024	5 401	16 799	7 594	4 018	26 3 575
number - 1,000 or more - 1,00		number	40 631	18 461	22 619	23 328	73 038	41 289	25 734	59 18 538 51
number 415 175 35 968 105 106 63 288 126 346 135 866 48 351		number	106 813	8 745	44 284	48 519	95 603	62 008	42 350	35 457
1 DECEMBER 2010 - 1911		number	415 175	35 968	105 106	63 288	126 346	135 865	48 351	39 84 020 42
1982		1982	220	58	85	74	179	164	55	42 68 35 775
1982		1982	181 937	15 700	39 664	27 713	54 102	72 054	16 567 560	40 386 1 757
1982 9 243 737 1 994 1 342 2 581 3 446 825 Hogs and pigs other than feeder pigs soldfarms, 1987 564 163 265 242 709 442 242		1982 arms, 1987	9 243 564	737 163	1 994 265	1 342 242	2 581 709	3 446 442	825 242	42 68 35 775 40 386 1 757 1 963 213 328 107 978
1982_ 683 231 347 318 806 586 322 number, 1987_ 409 584 54 742 154 582 115 317 271 839 190 713 110 686 1982_ 451 916 66 502 156 394 119 766 237 376 211 487 116 530	nı	nber, 1987	409 584	54 742	154 582	115 317	271 839	190 713	110 686	328 107 978
1982 451 916 66 502 156 394 119 766 237 376 211 487 116 530 \$1,000, 1987 49 094 6 321 18 431 13 857 31 938 22 829 13 195 1982 53 326 7 886 18 741 14 439 28 455 25 916 14 234	\$,000, 1987	49 094	6 321	18 431	13 857	31 938	22 829	13 195	160 196 13 477 19 379

Table 13. Sheep and Horses-Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]						
Item	lowa	Adair	Adams	Allamekee	Appanoose	Audubon	Banton
Sheep and lambs inventory farms, 1987	8 636	94	35	87	86	62	186
	9 988	121	45	78	104	76	187
	451 617	3 539	2 846	2 534	5 027	3 561	9 460
	486 316	5 542	2 981	2 340	6 334	5 932	6 252
1987 farms by inventory: 1 to 24 25 to 99 100 to 299 300 to 999 1,000 or more	4 149 3 628 719 117 23	51 33 9 1	17 12 4 2	52 31 4 -	24 48 14	24 27 10 1	109 56 15 6
Ewes 1 year old or older farms, 1987	8 089	91	33	84	84	57	175
1982	9 256	117	36	72	96	72	170
number, 1987	280 591	2 761	1 384	1 913	3 240	2 676	5 907
1982	297 326	3 172	2 052	1 513	4 230	2 628	4 173
Sheep and lambs shorn farms, 1987	8 052	92	33	83	86	59	168
1982	9 380	113	34	67	101	78	164
number, 1987	542 200	3 235	2 423	2 003	4 967	3 347	10 079
1982	493 205	6 774	2 523	1 624	6 205	5 452	5 213
pounds of wool, 1987	2 901 639	23 158	14 330	15 322	36 059	23 687	66 021
1982	3 379 775	47 279	18 937	11 977	48 576	36 131	36 256
Sheep and lambs sold farms, 1987	8 806	97	39	84	92	68	178
	10 327	123	46	74	107	83	182
	607 492	3 194	2 995	1 777	4 032	3 592	11 400
	496 676	6 834	2 228	1 662	5 250	6 501	4 463
Shaep, lambs, and wool soldfarms, 1987	8 922	98	40	87	92	68	181
	10 484	125	47	76	107	84	184
	46 157	257	239	130	312	284	925
	26 703	370	103	78	257	330	233
Horses and ponies inventory farms, 1987 1982 number, 1982 1982	11 647	96	83	117	131	90	109
	14 106	154	104	107	146	105	148
	59 338	586	326	560	476	406	479
	68 368	767	401	485	528	459	669
Horses and ponies sold farms, 1987	2 453	16	13	22	15	22	22
	2 917	32	20	25	17	17	30
	9 909	226	32	87	42	66	114
	10 809	75	64	64	223	73	132
	7 487	82	17	31	13	39	38
	10 709	41	26	36	123	74	51
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Sheep and lambs inventory farms, 1987	90	97	94	114	84	133	85
	115	111	114	107	70	166	109
	3 686	4 203	2 833	2 461	6 247	5 219	5 201
	4 554	3 073	2 919	2 732	7 966	5 630	6 975
1987 farms by inventory: 1 to 24	47	51	61	86	29	72	36
	37	39	26	24	41	48	40
	5	6	6	4	9	12	6
	1	1	1	-	5	1	3
Ewes 1 year old or older farms, 1987	84	90	85	104	76	127	79
1982	111	98	108	95	69	149	96
number, 1987	2 338	2 177	2 032	1 581	4 072	3 630	2 892
1982	2 825	2 028	1 927	1 815	3 569	4 003	4 539
Sheep and lambs shorn farms, 1987 1982 number, 1987 1982 pounds of wool, 1987 1982	85 113 4 279 4 455 25 724 27 070	90 101 3 419 2 981 24 469 20 000	82 109 2 797 2 670 16 919 19 604	93 2 268 2 061 14 626	76 71 5 308 7 584 35 143 51 662	125 150 4 776 6 303 35 103 45 276	83 94 5 683 7 323 35 927 44 003
Sheep and lambs sold farms, 1987	101 116 5 228 4 580	95 113 3 665 3 147	90 114 2 913 2 486	102 2 029	82 76 5 389 7 938	141 163 5 429 5 828	92 118 5 201 7 566
Sheep, lambs, and wool sold farms, 1987	102	95	91	114	86	144	93
1982	122	116	117	102	76	168	118
\$1,000, 1987	401	214	227	147	406	401	373
1982	216	150	131	92	439	333	382
Horses and ponies inventory farms, 1987	146 156 733 666	142 160 610 731	106 128 620 667	215	83 86 488 514	142 161 742 914	94 122 397 622
Horses and ponies sold	30 36 78 95 160 130	26 41 73 121 46 57	27 35 87 122 42 84	289 227 197	19 20 76 120 58 73	33 49 119 176 101 144	19 23 135 99 (D) 67

Table 13. Sheep and Horses-Inventory and Sales: 1987 and 1982-Con.

item	0		.	00	O 11	01:11:11	.
	Cerroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickassw	Clarke
Sheep and lambs inventory farms, 1987	68 78 78 5 205 2 839	92	193	66	84	63	72
1982		112	197	97	106	56	80
number, 1987		3 851	7 615	2 106	4 430	1 497	2 430
1982		4 908	7 380	2 947	5 345	1 694	2 399
1987 farms by inventory: 1 to 24 25 to 99 100 to 299 300 to 999 1,000 or more	33 26 8 7 1	46 39 6 1	81 100 11 1	34 29 3 -	42 33 7 1	41 21 1 - -	33 36
Ewes 1 year old or older farms, 1987	62	89	183	61	76	60	7
1982	74	109	181	90	100	55	7!
number, 1987	3 278	2 725	5 759	1 515	2 655	1 170	1 72(
1982	2 208	2 648	4 868	2 002	3 196	1 299	1 58:
Sheep and lambs shom farms, 1987	71	83	188	61	73	52	69
1982	79	104	183	91	100	55	77
number, 1987	5 262	3 778	8 968	1 943	5 625	1 210	2 311
1982	3 055	4 640	6 266	2 820	7 736	1 549	1 889
pounds of wool, 1987	35 160	25 537	56 371	14 659	70 847	8 884	15 011
1982	25 477	33 187	47 509	21 228	55 922	10 882	13 073
Sheep and lambs sold	73	89	192	70	85	58	7/
	93	111	197	101	114	56	8
	5 133	3 042	7 906	1 609	7 215	1 149	1 80
	3 461	4 301	8 367	2 668	7 720	1 369	1 85
Sheep, lambs, and wool sold farms, 1987	74	90 :	195	70	85	58	7;
1982	94	111 :	199	102	114	57	8
\$1,000, 1987	(D)	227 :	544	120	614	(D)	15
1982	184	215	331	130	435	65	9;
Horses and ponies inventory tarms, 1987	83	95	91	126	110	96	12
1982	94	143	125	109	142	129	16
number, 1987	317	375	395	689	881	549	64:
1982	508	602	517	590	575	595	64:
Horsas and ponies sold farms, 1987	11	15	16	26	24	19	21
1982	18	35	17	40	16	27	21
number, 1987	27	57	55	97	134	51	14:
1982	77	141	74	132	58	79	100
\$1,000, 1987	16	17	34	146	53	18	55
1982	(D)	132	57	92	32	90	91
ltem	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatu
Sheep and lambs inventory farms, 1987	82	84	118	89	68	173	44
1982	100	75	132	108	107	226	4;
number, 1987	8 000	1 897	4 491	7 374	2 229	11 116	2 28;
1982	10 517	2 034	3 755	7 834	3 373	18 157	1 82;
1987 farms by inventory: 1 to 24 25 to 99 100 to 299 1,000 or more	27 33 17 2	54 29 1	65 41 12	35 46 4 3 1	38 25 5 -	51 93 26 3	2:
Ewes 1 year old or older farms, 1987	78	80	115	82	65	164	44
1982	94	71	125	91	100	216	4
number, 1987	5 127	1 380	3 196	2 893	1 590	7 290	1 63
1982	5 806	1 528	2 493	2 545	2 350	11 019	1 38
Sheep end lambs shorn	81	80	114	81	60	165	3:
	94	73	124	107	106	216	4:
	9 228	1 626	4 569	11 108	2 561	10 752	1 78
	10 426	1 761	3 510	6 447	3 118	19 447	1 65-
	62 159	14 026	31 668	74 757	14 733	77 288	13 15-
	59 557	15 569	24 248	49 655	21 520	141 192	12 57:
Sheep and lambs sold farms, 1987	86	81	118	91	70	176	4.
1982	101	76	129	134	122	232	4
number, 1987	10 906	1 444	3 877	14 035	2 843	7 976	1 93
1982'	8 748	1 537	2 641	10 169	2 981	14 252	1 34
Sheep, lambs, and wool sold farms, 1987	87	83	121	93	72	179	4.
1982	101	78	131	136	127	232	4
\$1,000, 1987	1 063	109	294	1 121	(D)	597	12.
1982	476	68	137	531	142	743	6
Horses and ponies inventory	80	183	169	112	167	202	17/
	128	192	203	126	187	219	19/
	422	857	887	564	910	1 229	79/
	815	1 228	987	446	946	1 378	97
Horses and ponies sold farms, 1987	23	43	28	16	31	57	1!
	44	55	48	22	45	52	33
	77	292	109	31	131	187	8:
	167	246	136	78	160	187	8:
	73	106	126	12	357	79	2:
	184	127	137	37	426	115	6

Table 13. Sheep and Horses-Inventory and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text]								
Item	Delawara	Des Moines	Dickinson	Dubuque	Emmet	Feyette	Floyd	Franklin
Sheep and lembs inventorytarms, 1987	79	62	63	65	34	106	57	81
	80	68	73	74	38	100	115	114
	3 101	2 581	4 293	2 138	2 032	4 784	1 560	3 290
	2 277	2 443	4 521	2 054	1 520	3 224	3 829	8 740
1987 farms by inventory: 1 to 24	45	28	26	34	15	68	32	41
	25	28	29	27	14	26	24	33
	8	6	6	4	4	9	1	6
	1	-	1	-	1	3	-	1
Ewas 1 year old or olderferms, 1987	75	58	60	56	31	99	55	71
1982	76	65	69	65	34	88	112	92
number, 1987	1 892	1 690	2 442	1 548	1 559	3 560	1 076	2 111
1982	1 578	1 936	3 581	1 400	994	1 948	2 852	2 352
Sheep end lambs shomfarms, 1987	73	55	59	54	29	92	56	71
1982	74	65	67	68	35	89	110	95
number, 1987	2 281	2 230	5 176	1 898	1 741	5 558	1 335	3 352
1982	2 395	2 710	4 731	1 764	1 793	3 225	3 904	4 830
pounds of wool, 1987	14 895	16 916	29 038	13 290	12 374	32 181	9 554	19 217
1982	15 368	17 133	31 730	13 679	12 501	21 734	28 566	28 108
Sheep and lambs sold	78	63	62	60	38	103	63	80
	77	70	72	77	43	102	108	111
	2 206	1 983	3 897	1 819	2 015	5 220	2 104	2 613
	2 500	2 020	5 194	1 573	1 401	3 445	3 124	7 760
Shaep, lambs, and wool soldfarms, 1987	78	63	63	63	39	105	65	82
1982	78	74	74	79	43	104	113	112
\$1,000, 1987	171	160	279	(D)	158	455	124	203
1982	131	113	296	72	71	152	157	473
Horsas and ponies inventory	132	74	61	131	69	146	115	79
	152	99	63	167	89	178	125	104
	679	435	265	670	298	635	589	470
	829	442	319	732	422	783	640	521
Horses and ponies sold	18 30 52 99 22 88	23 18 70 60 40 27	12 8 49 19 45	34 35 294 193 154 94	19 18 36 41 12 34	33 35 111 120 67 109	33 34 125 137 58 261	24 27 134 140 (D) 171
ltem	Framont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Shaep and lambs inventoryferms, 1987	22	97	104	78	73	56	81	33
	27	131	106	94	98	84	94	59
	(D)	5 127	4 262	2 431	3 069	2 714	2 265	1 713
	1 641	6 735	6 858	3 755	3 675	5 280	2 861	2 501
1987 farms by inventory: 1 to 24 25 to 99 100 to 299 300 to 999 1,000 or more	8 12 1 1 -	41 45 9 2	54 41 8 1	47 28 2 1	34 35 3 1	31 19 5 1	53 24 4 -	16 13 4 -
Ewes 1 year old or olderfarms, 1987	21	91	101	72	69	51	76	33
1982	26	123	102	84	93	82	87	49
number, 1987	755	3 537	3 191	1 505	2 302	1 506	1 552	1 277
1982	664	4 594	2 886	2 605	2 420	3 296	2 254	1 629
Sheep end lambs shom	21	88	99	72	68	53	72	32
	25	124	104	85	94	87	90	52
	(D)	5 346	5 090	1 975	2 751	2 755	1 802	1 573
	1 799	8 282	9 910	3 218	2 965	4 699	3 056	2 812
	7 021	32 547	31 656	14 691	19 152	20 997	13 072	11 481
	9 935	50 572	66 160	25 414	21 264	31 781	21 530	25 642
Shaep and lambs soldfarms, 1987	23	103	106	80	76	58	77	35
	31	135	111	96	100	91	102	61
	(D)	5 920	5 177	2 799	2 835	2 588	1 853	1 367
	1 816	9 104	9 669	3 064	3 164	5 467	2 825	2 386
Sheep, lambs, and wool soldfarms, 1987	23	103	107	81	76	60	80	35
1982	31	135	114	97	103	91	102	62
\$1,000, 1987	65	458	402	176	212	207	137	96
1982	95	442	577	141	176	268	188	122
Horses and ponies inventory	84	90	90	127	97	66	111	112
	94	118	109	148	132	98	132	135
	364	447	444	500	530	360	713	422
	300	522	621	756	549	394	771	457
Horses and ponies sold	12	16	26	26	28	15	33	16
	14	22	26	27	22	15	31	16
	27	146	98	48	128	42	160	31
	24	297	93	83	120	54	142	29
	12	65	51	16	128	21	106	26
	21	157	59	30	162	191	175	21

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]	· · · · · · · · · · · · · · · · · · ·							
ltem	Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jaffarson
Sheep and lambs inventoryfarms, 1987	109	47	66	58	110	92	144	92
	123	56	82	69	111	102	175	104
	4 835	3 857	2 297	3 058	4 579	3 467	5 877	5 262
	6 744	2 701	3 761	2 978	4 953	4 042	5 426	4 193
1987 farms by invantory: 1 to 24	49 49 9 2	18 21 6 2 -	39 21 6 -	25 20 13 -	56 46 7 1	52 32 8 -	64 70 10 -	47 36 7 1
Ewas 1 year old or olderfarms, 1987	104	46	64	58	102	85	136	75
1982	110	52	76	59	104	96	154	90
number, 1987	3 224	2 156	1 593	2 319	2 847	2 167	4 102	2 469
1982	4 051	1 869	2 542	2 026	3 379	2 879	4 054	2 642
Sheep and lambs shorn farms, 1987	107	48	68	60	100	83	133	73
1982	110	50	79	62	104	100	154	94
number, 1987	5 338	4 458	2 691	3 476	4 451	3 027	4 868	4 812
1982	6 103	1 990	3 241	2 508	4 426	3 298	5 116	3 705
pounds of wool, 1987	33 700	27 726	20 254	21 967	26 529	17 735	32 808	35 014
1982	42 763	16 977	25 899	17 316	29 978	23 440	35 658	25 720
Sheep and lambs soldfarms, 1987	115	49	74	64	118	89	149	84
	121	54	93	73	115	109	186	107
	4 572	4 010	2 607	3 354	4 174	2 544	4 467	4 900
	5 700	1 924	3 210	2 826	3 702	2 630	5 356	4 701
Sheep, lambs, and wool soldfarms, 1987	115	49	75	64	120	91	149	87
1982	121	54	93	74	115	109	190	108
\$1,000, 1987	376	334	205	(D)	350	184	359	371
1982	276	95	173	164	210	125	271	232
Horsas and ponies inventoryfarms, 1987	112	83	47	70	100	178	176	87
1982	110	90	101	84	153	214	193	141
number, 1987	757	385	268	317	556	884	878	573
1982	713	384	383	336	667	1 216	918	868
Horses and ponies sold	34	13	10	15	25	37	40	23
	29	21	23	12	32	42	36	32
	140	49	90	156	139	166	153	128
	119	55	54	33	103	177	197	160
	181	12	29	132	128	62	63	137
	83	27	43	26	90	168	137	302
Hem	Johnson	Jones	Kaokuk	Kossuth	Lea	Linn	Louisa	Lucas
Sheep and lambs inventoryfarms, 1987	199	96	122	131	88	172	54	80
1982	242	110	144	168	102	184	65	77
number, 1987	12 079	2 874	12 007	6 624	4 691	7 003	2 027	3 819
1982	11 766	3 871	11 436	7 660	7 922	5 899	2 100	6 437
1987 farms by inventory: 1 to 24	89 88 19 2 1	52 43 1 -	48 51 13 7 3	51 63 16 1	36 41 10 1	88 70 11 3	30 23 1 -	33 42 4 1 -
Ewas 1 year old or olderfarms, 1987	187	90	112	123	82	163	54	76
1982	223	104	138	157	96	172	53	75
number, 1987	6 340	1 948	6 573	4 422	3 353	5 363	1 496	2 566
1982	6 543	2 783	5 437	5 523	4 713	3 828	1 461	4 459
Sheep and lambs shomfarms, 1987	182	86	113	122	82	164	57	73
1982	223	98	139	161	97	188	59	79
number, 1987	9 555	2 369	12 046	7 113	4 701	7 567	1 823	3 676
1982	14 057	3 474	16 801	7 584	8 465	6 483	1 862	7 486
pounds of wool, 1987	62 097	17 016	66 283	44 500	28 269	49 985	12 134	24 032
1982	89 315	24 978	90 851	51 605	56 713	43 842	13 091	48 626
Sheep and lambs soldfarms, 1987_	196	95	126	137	90	175	60	81
1982	247	105	150	172	103	195	66	80
number, 1987_	10 987	2 340	12 674	6 642	3 832	6 104	1 801	4 595
1982	13 440	3 184	15 885	6 414	5 803	6 496	1 435	7 667
Sheep, lambs, and wool soldfarms, 1987	197	97	126	138	91	178	60	82
1982	252	109	151	173	105	201	68	83
\$1,000, 1987	921	164	1 062	489	277	445	125	387
1982	713	151	968	312	320	367	80	432
Horses and ponies inventoryfarms, 1987	229	139	96	123	139	223	58	138
1982	272	161	127	173	164	267	83	153
number, 1987	1 307	618	559	499	780	1 608	266	550
1982	1 627	787	763	727	728	1 542	366	666
Horses and ponies sold	48	25	37	19	32	42	14	30
	70	33	35	31	40	46	18	25
	275	75	104	51	115	146	41	126
	336	164	114	70	124	107	27	81
	127	39	48	21	80	253	44	51
	222	120	68	57	68	99	28	75

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

ltem :	Lyon	Madison	Mahaska	Merion	Marshall	Mills	Mitchell	Monone
Sheep and lambs invantoryfarms, 1987number, 1987	102 100 7 539	103 123 5 678	105 105 4 963	87 83 4 066	108 128 4 666	34 32 1 248	71 84 1 964	41 57 1 838
1987 farms by inventory: 1 to 24	7 507 35 1 49 13 5	6 348 53 39 10 -	6 819 44 46 15 -	6 896 42 37 6 2	4 820 46 53 8	1 332 18 13 3	3 705 46 23 2 - -	4 095 19 17 5
Ewes 1 year old or olderfarms, 1987 1982 number, 1987 1982	92 83 4 834 4 004	96 110 4 011 4 666	102 103 3 713 3 810	84 77 3 133 3 192	101 119 3 378 3 237	31 29 812 697	64 80 1 427 2 491	40 53 1 259 2 411
Sheep and lambs shomfarms, 1987 1982 number, 1987 1982 pounds of wool, 1987 1982	93 92 7 485 6 527 46 887 43 879	94 113 5 983 6 465 30 794 40 812	98 104 4 518 6 253 33 547 41 337	84 83 3 867 6 030 25 705 42 425	95 115 4 895 4 387 31 028 32 420	33 31 1 448 1 365 9 996 10 020	65 81 2 023 2 993 13 422 23 868	42 51 1 946 2 468 13 178 18 892
Sheep and lambs soldfarms, 1987 1962 number, 1987 1982	104 117 7 258 7 987	100 122 5 916 6 137	105 105 4 819 5 361	93 83 3 390 6 371	106 129 5 227 4 173	36 36 1 206 1 479	71 88 2 454 3 733	45 57 2 148 3 197
Sheep, lambs, and wool soldfarma, 1987 1982 \$1,000, 1987 1982	105 117 589 443	104 125 402 290	106 108 399 287	95 86 260 270	108 131 419 221	36 36 104 79	72 90 174 209	46 56 179 154
Horsea and ponies inventoryfarms, 1987 1982 number, 1987 1982	98 123 442 503	195 223 820 983	119 139 545 723	150 164 756 748	102 154 537 599	69 77 258 304	84 92 476 506	56 103 216 520
Horses and ponies soldfarms, 1987 1982 number, 1987 1987 \$1,000, 1987 1982	23 27 60 59 33 27	31 52 127 157 66 149	19 24 67 112 35 59	35 24 123 92 61 48	22 33 91 91 106 136	11 7 22 28 12 33	17 26 104 54 38 60	12 16 46 106 18 34
Itam	Monroe	Montgomary	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Sheep and lambs inventorytarms, 1987	80 78 2 901 4 790	44 52 2 329 2 645	105 95 3 774	91 114 4 158	56 69 3 981 14 300	50 51 2 078	55 70 4 277	124 134 7 421 5 847
1987 farms by inventory:			3 042	4 958		4 144	4 511	
1 to 24	42 33 5 -	18 21 4 1 -	3 042 62 37 4 2	38 43 10 -	19 22 13 2	22 22 6	4 511 31 21 1 - 2	56 50
1 to 24	33 5 -	18 21 4	62 37 4	38 43	19 22 13	22 22 6	31 21 1	56 50 7 7 111 124 5 236
1 to 24	33 5 - - 73 78 2 190	18 21 4 1 - 40 49 1 727	62 37 4 2 - 102 88 2 603	38 43 10 - - 86 103 2 906	19 22 13 2 - 49 62 2 784	22 22 6 - - 47 50 1 549	31 21 1 - 2 50 66 2 833	55 55 11: 12: 5 23: 3 83: 11: 12: 8 18: 6 12: 65 92:
1 to 24	33 5 - 73 78 2 190 2 447 70 77 3 027 5 542 21 654	18 21 4 1 1 - 40 49 1 727 1 943 41 52 1 697 2 340 11 886	62 37 4 2 2 102 88 2 603 2 192 99 87 3 647 2 558 23 072	38 43 10 - 86 103 2 906 3 537 92 106 4 994 5 778 32 346	19 22 13 2 - 49 62 2 784 3 509 54 67 3 968 15 752	22 22 6 - - 50 1 549 1 921 488 50 2 555 4 198 15 737	50 66 2 833 2 118 50 66 3 515 14 724 18 991	55 55 11' 12' 5 23' 3 83' 11' 12' 8 18' 6 12' 65 92' 43 32' 12' 12' 13' 43 32'
1 to 24 25 to 99 100 to 299 300 to 999 1,000 or mora Ewaa 1 year old or older	33 5 - 73 78 2 190 2 447 70 77 5 542 21 654 41 111 75 76 2 763	18 21 4 1 1 - 40 49 1 727 1 943 41 52 1 697 2 340 11 886 17 447	62 37 4 2 102 88 2 603 2 192 99 87 3 647 2 568 23 072 18 045	38 43 10 	19 22 13 2 - 49 62 2 784 3 509 54 67 3 968 15 752 26 264 102 346	22 22 6 	50 66 2 833 2 118 50 66 3 515 14 724 18 991 90 416 59 59 76 5 065	55 50 50 50 50 50 50 50 50 50 50 50 50 5
1 to 24	33 5 - 73 78 2 190 2 447 70 77 5 542 21 654 41 111 75 76 2 763 4 859 75 79 209	18 21 4 40 49 1 727 1 943 41 52 1 697 2 340 11 886 17 447 44 45 3 3 385	62 37 4 2 102 88 2 603 2 192 99 87 3 647 2 568 23 072 18 045 100 3 136 2 816	38 43 10 - - - 86 103 2 906 3 537 92 106 4 994 5 778 32 346 41 109 99 117 4 484 5 310	19 22 113 2 2 - 49 62 2 784 3 509 54 67 3 968 15 752 26 264 102 346 59 76 3 632 31 649 60 76 303	22 22 6 	31 21 1 2 50 66 2 833 2 118 50 66 3 515 14 724 18 991 90 416 5 99 76 5 065 13 363	56 57 7 7 7 7 7 7 7 7 7 7 7 7 7

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]							
ltem	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Sheep and lambs inventory	47	68	98	104	43	100	109	65
	56	79	125	122	45	124	109	84
	2 716	2 819	3 815	5 999	2 190	6 951	3 251	2 270
	2 700	3 661	5 655	4 829	1 998	7 011	3 303	3 103
1987 farms by inventory: 1 to 24. 25 to 99. 100 to 299. 300 to 999. 1,000 or more.	15 21 11 -	38 21 9 -	49 38 11 - -	38 48 16 2	18 20 4 1	37 49 8 5	56 52 1 -	31 31 3 - -
Ewes 1 year old or older	44	60	92	98	39	97	100	62
	53	76	119	116	42	121	101	79
	2 098	1 909	2 433	3 647	1 491	5 107	2 179	1 669
	1 774	2 504	3 422	3 459	1 355	4 896	2 104	1 988
Sheep and lambs shornfarms, 1987	47	59	88	103	43	95	101	59
1982	57	71	116	109	41	123	105	81
number, 1987	3 057	2 592	3 232	6 551	1 969	7 913	2 713	2 298
1982	3 144	3 238	4 682	4 605	1 919	6 848	3 246	3 078
pounds of wool, 1987	21 180	14 291	22 513	38 242	14 848	51 983	18 682	15 263
1982	19 899	22 892	34 900	33 426	13 999	42 982	21 524	23 047
Sheep and lambs soldfarms, 1987	50	72	98	117	44	102	105	63
1982	64	86	121	126	44	128	112	88
number, 1987	3 271	2 860	2 635	7 808	1 837	6 713	2 518	2 172
1982	3 816	3 997	4 363	4 393	1 820	5 660	2 401	2 879
Sheep, lambs, and wool soldfarms, 1987	50	72	100	117	44	103	108	64
1982	64	86	129	127	44	128	112	90
\$1,000, 1987	261	211	250	528	145	587	205	(D)
1982	212	226	225	266	92	313	120	154
Horses and ponies inventoryfarms, 1987	52	135	233	102	86	73	128	95
1982	87	158	313	115	118	104	125	130
number, 1987	297	824	1 407	476	311	305	945	527
1982	477	761	1 536	498	816	487	908	605
Horses and ponies sold	13	40	45	23	20	11	25	17
	17	45	58	19	21	20	27	26
	107	165	204	40	105	35	104	52
	43	119	362	62	76	98	107	113
	(D)	214	290	20	27	(D)	126	64
	29	281	711	49	69	149	159	152
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Sheep and lambs inventoryfarms, 1987	152	102	139	40	65	128	74	88
1982	125	106	150	77	72	144	115	80
number, 1987	28 852	4 032	4 969	1 523	(D)	7 285	3 042	2 216
1982	5 167	4 228	6 606	5 906	3 441	7 438	4 340	2 603
1987 farms by inventory: 1 to 24	55 67 14 13	50 42 10 - -	69 62 8 -	21 15 4 -	37 24 3 - 1	46 70 11 -	43 26 3 2 -	53 35 - - -
Ewes 1 year old or olderfarms, 1987	139	98	129	38	60	120	70	78
1982	116	97	139	88	70	138	108	72
number, 1987	15 768	2 703	3 621	1 178	1 160	4 582	1 801	1 514
1982	3 408	2 845	4 275	4 386	1 923	5 113	2 735	1 728
Sheep and lambs shornfarms, 1987	148	95	130	40	66	125	65	72
1982	104	98	139	75	71	142	106	75
number, 1987	37 584	3 420	5 142	2 689	(D)	6 410	2 829	1 922
1982	6 204	4 275	6 654	5 894	2 679	7 427	3 456	1 939
pounds of wool, 1987	167 124	23 000	36 653	13 942	57 973	49 990	21 011	12 964
1982	44 453	32 035	46 015	36 857	18 216	54 621	26 478	13 313
Sheep and lambs soldfarms, 1987	176	104	149	44	75	125	69	88
1982	129	109	164	85	78	151	111	82
number, 1987	106 081	3 371	5 038	3 350	(D)	4 939	1 888	1 796
1982	6 944	4 580	6 297	4 681	2 432	5 663	3 120	1 884
Sheep, lambs, and wool soldfarms, 1987	176	104	151	45	75	127	70	88
1982	129	111	167	89	78	151	113	85
\$1,000, 1987	7 980	277	435	275	(D)	352	158	(D)
1982	380	249	358	239	131	279	148	89
Horses and ponies inventoryfarms, 1987 1982 number, 1987 1982	143 171 672 694	140 170 800 935	161 427	99 129 398 521	146 177 652 715	159 190 954 1 048	139 187 594 739	249 221 1 384 1 267
Horses and ponies sold		42 57 143 192 170 220	30 54 73 31	11 13 83 73 58 49	24 32 56 100 37 60	37 34 127 128 122 93	36 37 93 99 49 79	49 52 282 206 610 357

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory	ext]		,					
itam	Washington	Wayna	Wabstar	Winnebago	Winneshiek	Woodbury	Worth	Wright
Sheep and lambs inventory farms, 1987 1982 number, 1987 1982	147 8 542	53 63 2 696 5 186	62 71 2 887 2 964	57 77 2 071 3 735	106 136 6 023 5 121	105 149 4 863 7 628	67 65 2 234 2 531	70 104 2 383 3 103
1987 farms by invantory: 1 to 24 25 to 99 100 to 299 300 to 999 1,000 or more	76 10 1	16 31 5 1	31 21 10	31 22 4 -	44 52 7 2 1	40 53 11 1	36 26 5 -	37 29 4 -
Ewes 1 year old or olderfarms, 1987 1982 number, 1987 1982	138 4 287	48 57 2 133 2 302	58 61 2 082 2 224	53 75 1 618 2 875	106 125 3 841 3 745	99 136 3 166 5 167	62 65 1 564 1 838	65 96 1 862 2 327
Sheep and lambs shornfarms, 1987 1987 number, 1987 1987 pounds of wool, 1987 1988	142 9 008 6 039 51 907	52 57 2 788 4 702 20 025 30 820	56 59 2 399 2 196 17 728 18 696	55 75 2 237 3 541 17 950 28 077	100 125 6 117 4 341 34 415 32 381	98 141 5 091 9 937 27 790 57 280	87 66 1 946 2 595 14 665 17 534	85 104 2 288 2 871 18 194 23 127
Sheep and lambs soldfarms, 1987 1988 number, 1987 1982	154 9 241	57 64 2 206 4 142	63 75 2 283 2 971	61 81 2 090 2 891	103 135 5 751 4 172	106 158 4 768 10 533	67 69 1 881 2 559	67 109 2 132 3 132
Sheep, lambs, and wool soldfarms, 198; 198; \$1,000, 198; 198;	157 767	57 64 181 233	64 76 191 144	61 81 153 180	104 138 449 221	107 161 346 513	68 69 143 134	69 113 182 141
Horses and ponies inventoryfarms, 198; number, 198;	168 791	112 133 622 638	114 162 482 842	57 75 359 348	179 194 807 922	188 224 836 938	46 63 169 341	75 88 278 401
Horses and ponies soldfarms, 198: 198: number, 198: 198: \$1,000, 198:	48 160 123 98	26 23 68 79 36 42	24 41 60 161 45 89	12 13 51 (D) 26 (D)	40 32 133 89 67 85	33 37 114 102 97 84	7 14 20 46 18 72	17 20 49 54 26 41

Table 14. Poultry-Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, se-	e introductory text	1						
ltem		lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Banton
INVENTORY								
Any poultry	farms, 1987	6 472	77	42	58	63	50	79
Chickens 3 months old or older	1982	9 281 4 897	114 63	77 34	98 48	84 53	75 32	133 58
	1982 number, 1987	7 637 9 580 666	105 3 6 95	66 2 697	86 14 860	77 1 850	57 (D)	112 278 755
	1982	9 584 663	8 364	5 834	17 908	3 114	72 805	(D)
Hens and pullets of laying age	farms, 1987 1982	4 834 7 543	62 105	34 65	46 86	53 76	32 57	55 112
	number, 1987 1982	8 212 576 8 234 227	(D) 7 661	(D) 5 710	14 506 17 424	1 747 2 834	(D) 71 282	278 373 (D)
1987 farms by inventory:		3 623	51	25	39	49	18	43
100 to 399 400 to 3,199 3,200 to 9,999		816 151	10	8	3	4	l iį̃	9
3,200 to 9,999 10,000 to 19,999		90 79		<u>-</u>	1	-	<u>i</u>	_
20,000 to 49,999 50,000 to 99,999		39 22	-	-	Ė	-	1 -	2
100,000 or more	farms	14 3 580 004	-	-	_	=]	1 (D)
	, ambarit	5 555 557					_	(5)
Pullets 3 months old or older not of laying age	farms, 1987	487	.2	.2	8	5	4	8
/	1982 number, 1987	702 1 368 090	14 (D) 703	11 (D)	8 354	103	1 205	8 382
	1982	1 350 436	703	124	484	280	1 523	112
Pullet chicks and pullets under 3 months old	farms, 1987	117	_	2	5	1	_	_
	1982 number, 1987	1 381 043	1	3	2	(D)	1 -	2
Broilers and other meat-type chickens	1982	1 574 221 1 541	(D) 21	(D) (D) 13	27 (D) 18	3	(D) 21	(D) 25
,	1982 number, 1987	1 991 255 584	25 2 836	18 776	21 885	(D)	18 3 692	(D) 25 25 25 (D) 3 285
	1982	215 257	2 557	1 024	1 312	282	2 007	3 285
Turkays	farms, 1987 1982	895 841	10 7	3 2	6 5	4 6	6 5	13 14
	number, 1987	2 437 135 1 493 036	135 37	16 (D)	35 21	43 30	126 40	140
Turkey hens kept for breeding	1982 1987 1982	345 355	5 3	1	2	3 8	2	91 5 8 28
	number, 1987	71 889 100 478	22 (D)	(D)	(D)	15 18	(0)	28 41
	1982		111	-				
Ducks, geese, and other poultry	farms, 1987 1982	1 509 1 977	14 18	6 9	15 16	15 15	5 9	22 35
SALES								
Any poultry sold	farms, 1987	3 643	36	17	19	18	45 50	42
	1982 \$1,000, 1987	5 208 192 229	54 26	29 22	49 (D)	26 5	(D)	42 85 2 458
	1982	164 052	41	39	165	10	653	1 497
Hens and pullets sold	farms, 1987 1982	908 2 156	3 19	5 18	2 15	4 5	9 32	9 23
	number, 1987 1982	9 873 596 10 248 391	(D) 2 428	782 3 646	(D) 11 936	304 780	(D) 61 105	23 164 025 (D) 9
Hens and pullets of laying age sold		847 2 095	3 19	5 18	2 15	4 5	8 32) 9 23
	number, 1987 1982	5 606 848 5 274 345	(D) 2 428	782 3 646	(D) 11 936	(D) 780	(D) 61 105	23 164 025 (D)
Pullets not of laying age sold		86 86	-	Ξ	=	1 -	2 -	1
	number, 1987 1982	4 266 748 4 974 046	-	-	-	(D)	(D)] :
Broilers and other meat-type chickens sold	farms 1987	1 060	13	2	5	,	25	13
brokers and sales most type smakers sold:	1982 number, 1987	1 041 666 016	10 3 035	3	11 260	5 (D)	7 5 865	23 (D)
1987 farms by number sold:	1982	429 389	2 433	(D) (D)	11 600	360	1 349	8 688
1 to 1,999 2,000 to 59,999		1 021 38	13	2	5 -	1 -	25	12 1
60,000 to 99,999 100,000 to 199,999		- 1	-	_	_	_		Ξ.
200,000 to 499,999 500,000 or more		-	-	Ξ	_	=	_	-
	number	-	-	-	-	-	-	-
Turkeys sold		407	3	-	- 1	2	3	6
	1982 number, 1987	337 9 594 632 7 297 838	58	_	(D)	(D)	(D)	(D) (D)
Turkeys for slaughter sold		382	(D) 2 1	-	(U) - 1	2	3	6
	1982 ! number, 1987 1982	314 9 527 469 7 216 491	(D) (D)	-	(D)	(D)	(D)	(D) (D)
But the state of				_				
Ducks, geese, and other poultry sold	farms, 1987 1982	387 431	3	-	1 2	3 -	6 4	8

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]		<u> </u>		T	1	
ltem	Black Hawk	Boone	Bremer	Buchanen	Buena Vista	Butler	Calhoun
INVENTORY							
Any poultry	73 104 48	55 84 45	79 118 55	151 170 121	52 82 25	101 157 67	32 76 19 53 (D)
1982 number, 1987 1982	78 80 541 49 592	77 244 311 240 243	90 15 717 28 324	135 88 683 149 777	51 (D) 75 617	123 114 228 141 694	53 (D) (D)
Hens end pullets of laying age farms, 1987 1982 number, 1987 1982	47 74 (D) (D)	45 75 (D) (D)	55 88 (D) 28 104	120 135 79 121 148 406	25 50 51 753 (D)	67 123 114 071 (D)	19 53 (D) (D)
1987 farms by inventory: 1 to 99	35 9 1	35 3 2	43 10	97 14 4	15	49 12 2	15
3,200 to 9,999 10,000 to 19,999 20,000 to 49,999	1 - 1	1 1 2	1 -	3 1 1	1 1 1	1 2 ~	1
50,000 to 99,999	-	1 (D)	=	-	-	-	=
Pullets 3 months old or older not of farms, 1987 1987 1987 number, 1987 1987 1987 1982	6 10 (D) (D)	5 9 (D) (D)	1 10 (D) 220	9 10 9 562 1 371	1 1 (D) (D)	4 9 157 (D)	2 5 (D) 61
Pullet chicks end pullets under 3 months old farms, 1987	1	1	2	3	2	3	_
1982 number, 1987 1982 Broilers and other meat-type chickens farms, 1987	5 (D) 178 045 15	1 (D) (D) 7	(D)	160 (D) 44	(D) (D)	2 52 (D) 34	(D) 8
1982 number, 1987 1982	28 8 464 4 113	19 346 1 396	28 1 856 3 393	45 9 775 4 887	14 860 1 727	43 5 015 4 115	16 409 1 876
Turkeys farms, 1987 1982 number, 1987 1982	13 14 136 113 (D)	8 10 20 068 (D)	8 17 37 (D)	15 27 78 179	15 10 612 952 328 213	15 15 9 061 96	5 2 (D)
Turkey hens kept for breeding farms, 1987 1982 number, 1987 1982	4 6 (D) (D)	(D) 5 2 (D) (D)	4 8 15 (D)	7 11 28 55	3 1 9 (D)	8 10 (D) 39	5 (D) (D) 2 2 (D) (D)
Ducks, geese, and other poultry farms, 1987 1982	23 31	18 19	33 30	25 35	9 22	21 40	8 25
SALES							
Any poultry sold farms, 1987 1982 \$1,000, 1987 1982	52 59 4 861 3 884	32 44 2 996 3 909	46 84 1 355 2 020	81 88 753 1 395	54 60 14 841 9 742	67 93 1 796 2 263	25 33 1 848 1 804
Hens and pullets sold farms, 1987 1982 number, 1987	10 25 376 355	12 16 224 911	8 25 (D) 24 349	24 36 59 433 139 918	8 28 385 830 261 688	19 39 75 330 180 747	4 12 (D)
1982 Hens and pullets of laying age sold farms, 1987 1982 number, 1987 1982	408 706 7 22 (D) 30 923	143 300 11 16 (D) 143 300	8 25 (D) 24 349	21 32 48 809 (D)	6 26 56 830 (D)	19 39 (D)	(D) (D) 3 12 (D) (D)
Pullets not of laying age sold farms, 1987 1982 number, 1987 1982	3 3 (D) 377 783	1 - (D)	-	3 5 10 624 (D)	329 000 (D)	1 1 (D) (D)	(D)
Broilers and other meat-type chickens sold farms, 1987 1982 number, 1987	19 14 7 819	6 5 3 300	12 26 4 819	22 29 12 997	15 18 2 385	26 26 6 743	10 9 4 255 2 035
1982 1987 farms by number sold: 1 to 1,999 2,000 to 59,999	2 603 18 1	4 524 6	8 891 12 -	6 893 21 1	5 225 15 -	9 814 26	9
60,000 to 99,999 100,000 to 199,999 200,000 to 499,999	-	- - -	- - - -	-	-	-	-
Turkeys sold	8 10 443 044	3 3 (D)	6 8 (D)	3 3 9	17 11 1 674 659	11 6 91 843	3 4 175 000
number, 1967 1982 Turkeys for slaughter sold	280 344 8 10 (D)	(D) 33 2 (D)	(D) (D) 6 7 (D)	21 2 2 (D)	980 800 17 11 1 674 659	90 211 90 6 (D)	(D) 3 4 175 000
Ducks, geese, and other poultry sold farms, 1987	(D) 8	(D) 5	(D) 8	(D) 8	(D)	90 211	(D)
1982	7	2	14	7	3	5	3

Table 14. Poultry-Inventory and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text]							
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY							
Any poultry farms, 1987	58	57	62	42	61	73	50 79
Chickens 3 months old or older farms, 1987	102 43	81 41	85 49	80 29	77 42	125 55	79 44
1982 number, 1987	72 5 538	60 1 911	72 15 327	63 141 271	65 4 361	98 58 64 2	67 1 9 46
1982	12 061	4 041	27 774	120 526	6 565	137 520	3 583
Hens and pullets of laying age farms, 1987	43	41	49	28	40	54	44
1982 number, 1987	72 4 563	59 1 911	70 15 138	62 (D)	65 3 879	97 58 332	66 1 871
1982 1987 ferms by inventory:	11 289	3 785	27 009	(D)	6 307	(D)	(D)
1 to 99 100 to 399	24 19	37 3	39 6	20 1	28 9	31	41
400 to 3,199	-	1	3	2	3	17	1 2
3,200 to 9,999	-	-	1 -	1 3	_	3 3	-
20,000 to 49,999	-	-	-	1	- -	-	_
100,000 or more farms number	-	-	-	_	-		_
Dullate Consette and an address of							
Pullets 3 months old or older not of laying age farms, 1987	4 5	-	6	2	8	5	6
1982 number, 1987	975	9 -	8 189	5 (D) (D)	9 482	6 310	6 2 75 (D)
1982	772	256	765	(D)	258	(D)	(D)
Pullet chicks and pullets under 3 months			4				
old farms, 1987_ 1982_	-	1	1	1	1	1	_
number, 1987 1982	-	(D) (D)	(D) (D) 25	(D) -	(D) (D) 17	(D)	- - 7
Broilers and other meat-type chickens farms, 1987 1982	20 29	9 17	18	8 1 10	17 22	19 32	7
number, 1987 1982	3 134 3 138	510 2 297	2 930 2 029	1 203 1 215	1 759 2 366	2 476 3 884	414 610
Turkeys farms, 1987 1982	4 8	5 9	11 11	9 5	7	10 7	6 4
number, 1987 1982	225 92	39 107	101 90	54 (D)	(D) (D)	325 46	4 42 11
Turkay hans kept for breeding farms, 1987 1982	2	5 5	5 2	5	3	3 3	2 4
number, 1987 1982	(D) (D)	14 21	14 (D)	33	(D) 12	5 29	(D)
1962-1	(0)	21	(0)	,	12	29	''
Ducks, geese, and other poultryfarms, 1987 1982	7 19	22 21	18 23	10 21	11 16	18 27	10 14
SALES							
Any poultry sold farms, 1987	44	24	31	28	31	50	20
1982	68	37	55	41	48	79	20 21
\$1,000, 1987 1982	95 65	(D) 371	122 249	1 730 1 505	(D) 763	546 983	15 16
Hens and pullets sold farms, 1987	10	3	2	8	6	14	3
1982 number, 1987	35 2 516	14 (D)	25 (D)	22 277 000	18 485	42 38 986	7
1982	5 718	(D)	14 468	211 382	7 042	107 666	(D) 520
Hens and pullets of laying age sold farms, 1987 1982	10 35	13	2 23	6 20	6 18	14 40	3 7 (D) 520
number, 1987 1982	(D) 5 718	(D) 1 321	(D) (D)	(D) (D)	(D) 7 042	(D) (D)	(D) 520
Pullets not of laying age sold farms, 1987 1982_	1 -	1	2	2	1 -	2 2	Ξ.
number, 1987 1982	(D)	(D) (D)	(D)	(D) (D)	(D) -	(D) (D)	=
Besiles and other most has about a self-	47						_
Broilers and other meat-type chickens sold farms, 1987 1982	17 9	5 9	11 13	6 8	9	16 13	6 3
number, 1987 1982	3 005 1 000	1 585 4 505	6 022 4 776	996 1 345	1 115 678	14 683 2 470	(D) 315
1987 farms by number sold: 1 to 1,999	17	5	10	6	9	14	5
2,000 to 59,999	-	-	1	- 1		2	1 -
100,000 to 199,999 200,000 to 499,999	-	-	-		1	_	_
500,000 or more	-	-	Ξ	- 1]	=	-
number 22	-	-	_		_		
Turkeys sold farms, 1987 1982		- 2	2	1 2	3	3	1 -
numbar, 1987 1982	-	(D)	(D) 54	(D) (D)	(D) (D)	(D) (D)	(D)
Turkeys for slaughter sold farms, 1987 1982	-[2	2	1	2 3	3	1
number, 1987 1982		(D)	(D) 54	(D) (D)	(D) (D)	(D)	(D)
							_
Ducks, geese, and other poultry sold farms, 1987 1982	5	1 3	6 10	2 4	6 4	3 16	3

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]					Г	1	
ltem	Clay	Clayton	Clinton	Crewford	Dellas	Devis	Decetur
INVENTORY							
Any poultry ferms, 1987 1982	41 42	115 144	95 122	99 143	87 94	111	58 68
Chickens 3 months old or older farms, 1987 1982 number, 1987 1982	27 27 (D) 254 050	94 109 143 411 108 442	60 96 12 871 55 925	73 123 47 278 65 961	50 78 112 185 105 114	95 124 170 855 90 023	68 43 60 1 189 2 938
Hens end pullets of leying age farms, 1987	234 030	93	59	72	48	95	43
1982 number, 1987 1982	27 (D) (D)	109 (D) 108 173	94 12 516 55 001	122 47 168 65 502	77 (D) 102 712	123 170 743 89 605	60 998 2 682
1987 farms by inventory: 1 to 99	21 2	77 12	47 10	43 23	37 4	81	41 2
400 to 3,199	1	1 1	1	2 2 2	3 1 2	9	-
10,000 to 19,999 20,000 to 49,999 50,000 to 99,999	1	1]	-	1	2	<u> </u>
100,000 or morefarms number	1 (D)	-	-	=	_	-	=
Pullets 3 months old or older not of laying age ferms, 1987	5	12	7	6 7	6	5 16	7 6
1982 number, 1987 1982	(D) (D)	9 (D) 268	355 924	110 459	(D) 2 402	112 418	171 277
Pullat chicks and pullats undar 3 months old ferms, 1987	- 1	3	2 2	1 2	5	2	- 6
1982 number, 1987 1982	(D)	50 (D) 30	(D) (D) 29	(8)	49 425 (D)	(D)	194
Broilers and other meat-type chickens farms, 1987 1982_ number, 1987	12 12 880	30 49 15 610	29 36 1 656	22 35 2 705	18 29 5 981	17 24 2 577	12 8 2 383
1982	1 720	4 782	3 407	6 399	4 198	2 117	406
Turkeys farms, 1987 1982 number, 1987	7 4 62	20 25 (D)	18 15 4 295	15 14 150	10 6 325	3	7 2 40
Turkey hens kept for breeding farms, 1987	23 3	125 6	74	168 2	79 5	(D)	(D) 2
1982 number, 1987 1982	2 15 (D)	9 12 32	(D) 3	(D) 3	(D)	40	(D)
Ducks, gaese, and other poultry farms, 1987 1982	18 11	34 30	30 38		17 24	14 20	11 10
SALES							
Any poultry sold farms, 1987 1982	26 25	53 80	52 68		32 37	34 50	13 21 9
\$1,000, 1987 1982	4 019 5 285	† 130 † 294	259 475	518	(D) 4 713	1 491 682	9 17
Hens and pullets sold farms, 1987 1982	11 15	12 27	10 21	54	15	20	2 6
number, 1987 1982 Hens end pullets of laying age sold farms, 1987	802 715 704 556 5	195 914 239 673 11	(D) 44 526 9	53 077 59 440 12	115 472 83 763 8		(D) 431
1982 number, 1987	13 (D)	27 (D)	20 (D)	54 (D)	14 (D)	18 140 173	2 6 (D) 431
1982 Pullets not of laying age sold ferms, 1987 1982	(D) 7 3	(D) 1 1	(D) 1 1	59 440	(D) 1 1	(D) - 2	-
number, 1987 1982	(D) (D)	(D) (D)	(D) (D)	(D)	(D)	(D)	=
Broilers and other meat-type chickens sold farms, 1987 1982 number, 1987	5 3 4 705	16 19 16 019	20 16 2 229	15 1 563	(D)	5 1 900	3 2 (D) (D)
1982 1987 farms by number sold: 1 to 1,999	(D) 4	4 875 13	3 075		3 136	8	3
2,000 to 59,999 60,000 to 99,999	1 -	3 -	=	-	2	-	:
100,000 to 199,999 200,000 to 499,999 500,000 or morefarms	=	- -	=	-	-	=]
	- 2	- 6	10	1	3		_
1982 number, 1987	(D)	3 56 683	(D)	4	136	-	-
1982 Turkeys for slaughter sold farms, 1987 1982	2	(D) 6 3	(D) 10 2	1 4	(D) 3 2	1	=
number, 1987 1982	(D)	(D) (D)	(D) (D)	(D) 37	136 (D)	(D)	=
Ducks, geese, and other poultry sold farms, 1987 1982	8 4	5 9	16 15		2 3		2

Table 14. Poultry-Inventory and Sales: 1987 and 1982-Con.

[For meening of abbreviations end symbols, see introductory text]		_		1.	· ·	T		
Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY	\							
Any poultryferms, 1987	70	31	34	87	44	93	55	55 82
1982_ Chickens 3 months old or olderfarms, 1987_	97 58	74 25	37 25	148 60	46 31	138 65	73 29	41
1982 number, 1987 1982	83 (D) 144 706	62 1 065	25 174 678 202 344	124 6 116	21 563	109 (D) 344 739	54 2 473	575 094
		(D)		119 138	16 502		2 525	415 039
Hens end pullets of laying agefarms, 1987 1982 numbar, 1987	57 82	24 61	24 24	60 123	31 36	65 108	29 54	39 68
1987 ferms by inventory:	(D) (D)	(D) (D)	(D) (D)	5 988 (D)	21 288 16 215	(D) (D)	(D) 2 455	(D) 413 977
1 to 99	37 16	21 3	16 4	36 22	16 12	45 15	24 2	19 6
3,200 to 9,999	2	-	- 2	2	3	3	3	7
10,000 to 19,999	1	-		-	-	1 -	-	4 2
50,000 to 99,999	1 -	-	2 -	-	_	1	-	
	-	-	-	-	-	(D)	-	(D)
Pullats 3 months old or older not of laying agatarms, 1987	6	.1	1	.4	4	4	2	6
1982 numbar, 1987 1982	6 264 (D)	11 (D) 428	(D) (D)	11 128 (D)	6 275 287	8 (D) (D)	(D) 70	8 (D) 1 062
	(0)	420	(0)	(0)	207	(0)	/0	1 062
Pullet chicks and pullets under 3 months oldfarms, 1987 1982	- 2	1	1 2	2 2	1 2	2 3	-	1 5
number, 1987 1982	(D)	(D)	(D) (D)	(D)	(0)	(0)	=	(D)
Broilers and other meat-type chickansfarms, 1987 1982	11 20	4 8	9	20	17 14	18	21 17	(D) 109 525 15 14 1 765
number, 1987 1982	1 057 2 148	395 331	728 1 215	2 300 2 378	2 428 1 727	1 997 2 702	(D) 7 241	1 765 1 209
Turkaysfarms, 1987	7	_	7	20	10	13	12	6
1982 number, 1987	6 (D)	4	5 72	12 275	210	15 (D)	12 (D) (D)	133
1982 Turkay hans kept for breedingfarms, 1987	64	10	61	61	17	170	3	34 2 2
1982 number, 1987 1982	(D)	4 (D)	3 29	5 (D) 18	(D) (D)	5 (D) 28	9 11	(D) (D)
			7		` `		14	
Ducks, geese, and other poultryfarms, 1987 1982	10 11	9 26	10 10	22 28	11 16	29 38	16 26	10 14
SALES								
Any poultry soldfarms, 1987	45	15	23	58	24	45	32	48
1982 \$1,000, 1987 1982	72 1 111	38 (D)	29 1 769	86 (D)	34 193	75 1 589	35 997	62 5 257
	1 849	286	2 392	381	150	2 602	1 371	4 004
Hens and pullets soldfarms, 1987 1982	7 30	5 13	9 14	8 26	8 13	8 33	8 10	23 41
number, 1987 1982 Hans and pullets of leying aga soldferms, 1987	(D) 156 683 7	(D) (D) 5	264 229 322 606 7	(D) (D)	17 259 13 649	415 593 7	2 000 966 8	502 173 458 964 20
1982 number, 1987	30 (D)	13 (D)	12 (D)	26 (D)	13 (D)	32 (D)	10 2 000	37 166 173
1982 Pullets not of laying age soldfarms, 1987	(D)	(D)	(D) 2	29 460	13 649	(D)	966	270 964 3
1982 number, 1987	1	-	2 (D) (D)	(D)	(D)	(D) (D)	-	336 000
1982	(D)	-	(D)	(D)	-	(D)	-	188 000
Broilers and other meat-type chickens sold farms, 1987	10 13	2 5	10 9	21 18	7 5	14 11	14 14	16 6
number, 1987 1982 1987 ferms by number sold:	1 976 1 347	(D) 574	4 528 3 690	2 428 1 808	1 415 1 002	1 858 1 497	51 775 29 029	3 246 766
1 to 1,999	10	2	10	21	7	14	11 3	16
60,000 to 99,999 100,000 to 199,999	-	-	-	[-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
numbar	-]	-	-	-	-	-	-	-
Turkeys soldfarms, 1987 1982	3 2	1	2	7 6	2	5 4	6 4	3 1
number, 1987 1982	(D) (D)	(D) (D)	(D) (D)	75 51	(D) -	25 208 (D)	106 573 (D)	(D) (D) 3
Turkeys for sleughter soldfarms, 1987 1982	3 2	1	1 3	7 6	2	4 4	6	3
number, 1987 1982	(D) (D)	(D) (D)	(D) (D)	75 51	(D) -	(D) (D)	(D) (D)	(D) (D)
Ducks, geese, and other poultry soldfarms, 1987 1982	1 5	1 8	2	7 11	1 3	4 7	4 6	4 4
1902.		•	4	- ''		/	0	

Table 14. Poultry-Inventory and Sales: 1987 and 1982-Con.

[For meening of abbreviations end symbols, see introductory text]								
ltem	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Hemison
INVENTORY						V		
Any poultryfarms, 1987	23	36	60	53	52	47	53	65
1982 Chickens 3 months old or olderfarms, 1987 1982 number, 1987 1982	40 20 35 1 906 1 949	61 24 55 2 509 (D)	85 41 73 4 556 29 674	85 42 70 13 144 (D)	68 28 46 14 242 94 933	65 33 54 (D) 186 502	82 42 62 168 199 204 718	65 95 53 76 3 132 5 547
Hens and pullets of laying agefarms, 1987 1982 number, 1987 1982	19 35 1 706 1 754	24 55 (D) (D)	39 72 4 186 29 171	41 70 (D) (D)	27 43 (D) (D)	33 54 (D) (D)	41 62 (D) 203 994	53 74 (D) 5 181
1987 farms by inventory: 1 to 99 100 to 399. 400 to 3,199 3,200 to 9,999 10,000 to 19,999 20,000 to 49,999 50,000 to 99,999	12 6 1	18 5 1 -	27 9 3 - -	33 5 2 1 -	21 4 1 1 -	18 11 2 - 1	26 9 1 - 1 3	47 4 2 - -
100,000 or morefarms number	Ξ.	-	-	-	-	1 (D)	-	<u>-</u>
Pullets 3 months old or older not of laying age	3 4 200 195	2 6 (D) (D)	4 7 370 503	6 4 (D) 70	2 7 (D) (D)	4 3 (D) (D)	3 6 (D) 724	2 9 (D) 366
Pullet chicks and pullets under 3 months oldfarms, 1987 1982 number, 1987	1 1 (D)	3	1 2 (D)	1 3 (D)	1 _ (D)	- - -	- 2 -	1
982 Broilers and other meat-type chickensfarms, 1987 1982 number, 1987 1982	(D) 4 10 248 750	60 14 16 3 690 1 250	(D) (D) 21 15 2 013 6 655	(D) 17 21 1 178 1 623	7 15 2 990 2 154	11 13 3 120 1 647	(D) 11 24 1 251 2 399	(D) 18 30 1 984 2 810
Turkeys	2 3 (D) (D)	5 9 41 82	12 8 (D) 70	9 8 37 34	18 12 613 276 393 163	4 8 60 57	6 6 8 047 51	13 9 144 76
Turkey hens kept for breeding	(D) (D)	2 4 (D) 8	5 (D) (D)	6 5 8 10	1 1 (D) (D)	1 4 (D) 8	5 4 (D) 15	4 1 20 (D)
Ducks, geese, and other poultryfarms, 1987 1982	8 5	9 12	14 16	7 15	6 12	12 18	10 24	20 20
SALES								
Any poultry sold	12 14 14 10	23 36 116 616	62 75 (D) 1 612	25 42 106 1 613	51 63 31 558 25 097	40 41 (D) 1 082	38 59 1 958 2 260	29 41 20 34
Hens and pullets soldfarms, 1987 1982 number, 1987	5 6 267	3 14 (D) 14 486	8 27 (D) 31 096	9 18 (D) 171 146	5 16 (D) (D)	12 22 (D) (D)	10 20 116 309 139 429	4 12 (D) 3 720
1982 Hens end pullets of laying age soldfarms, 1987 1982 number, 1987 1982	1 380 5 6 267 1 380	3 14 (D) 14 486	8 27 (D) (D)	8 17 5 013 (D)	(D) 3 14 (D) 13 869	12 22 (D) 55 010	10 19 116 309 (D)	4 12 (D) 3 720
Pullets not of laying ege soldfarms, 1987 1982 number, 1987 1982	=======================================	- - -	1 (D)	(D)	2 2 (D) (D)	1 (D)	2 (D)	- - -
Broilers and other meat-type chickens sold farms, 1987 1982 number, 1987 1982 1982	1 (D)	13 8 14 115 3 087	28 23 11 380 7 689	12 9 1 980 1 252	14 7 11 975 1 517	19 11 1 709 2 605	12 19 2 447 4 175	7 10 1 245 1 011
1987 farms by number sold: 1 to 1,999 2,000 to 59,999 60,000 to 99,999 100,000 to 199,999 200,000 to 499,999 500,000 or more farms.	- - - - -	11 2 - -	27 1 - -	12 - - - -	11 3 - -	19	12	7 - - - -
number !	-	-	-	_	-	-	-	-
Turkeys soldferms, 1967	(D)	3 3 (D) (D)	8 4 5 201 (D)	- - -	25 28 2 952 084 2 284 901	(D) (D)	90 021 (D)	5 4 88 33 5
Turkeys for slaughter sold	1 (D)	3 3 (D) (D)	7 4 (D) (D)		25 27 2 952 084 (D)	(D) (D)	(D) (D)	(D) 33
Ducks, geese, and other poultry soldlarms, 1987 1982	1 -		11 7	3 2	1 2	5 -	5 3	3 3

Table 14. Poultry-Inventory and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text	:]			1				
Item	Henry	Howerd	Humboldt	Ide	lowa	Jackson	Jasper	Jefferson
INVENTORY								
Any poultry	57	59	28	47	54	117	81	51
1982 Chickens 3 months old or olderfarms, 1987	91 37	97 47	51 23	64 26	100	148 85	105 65	I AA
1982 number, 1987	66 (D)	81 37 023	44 34 123 50 334	46 5 582	88 7 539	128 31 018	82 77 115	43 77 3 183
1982	30 528	51 074	50 334	6 895	12 670	36 642	69 374	5 899
Hens and pullets of laying agefarms, 1987 1982	37 64	45 80	23 44	26 46	43 88	83 127	62 82	43 77
number, 1987 1982	(D) 30 376	(D) 50 064	34 123 (D)	(D) 6 075	(D) 12 324	(D) 35 678	76 667 69 110	3 056 5 689
1987 farms by inventory: 1 to 99 100 to 399	35	28	14	17	30	70	36	36
400 to 3,199		14 .	3	6 3	10 2	11 2	16 4	6
3,200 to 9,999 10,000 to 19,999	2 -	2	1 2	-	1 -	-	3 2	-
20,000 to 49,999 50,000 to 99,999	_	1 -	-	_	_	-	1 -	-
100,000 or more farms number	-	-	- -	-	-		-	-
Pullets 3 months old or older not of							İ	
laying agefarms, 1987 1982	5 6	5 8	5	1 4	2 6	14 15	5 5	8 6 127
number, 1987 1982	110 152	(D) 1 010	(D)	(D) 820	(D) 346	(D) 964	448 264	127 210
Pullet chicks and pullets under 3 months								
oldfarms, 1987 1982		1 3	1	1 -	2 -	7 5	1 1	2
number, 1987 1982	(D)	(D) (D)	(D <u>)</u>	(D)	(D)	380 (D) 35	(D) (D)	(D) (D) 8 14
Broilers and other meat-type chickensfarms, 1987 1982	16	11 19	13	21 20	9 19	42	19 34	8 14
number, 1987 1982	2 775 1 328	1 317 1 177	217 2 304	2 688 1 819	866 1 263	7 629 5 632	2 000 3 361	301 1 196
Turkeysfarms, 1987	18	5	2	5	9	13	6	15 7
1982 number, 1987	19 156 201	9 (D)	8 (D)	7 087	10 31 425	10 356	6 44	7 84
1982 Turkey hens kept for breadingfarms, 1987	102 951 5	182 2 3	43	(D) 2	(D) 5	74	49	38 10
1982 number, 1987 1982	6 (D) (D)	(D) 56	3 - 9	2 (D) (D)	3 15 (D)	(D) (D)	3 6	84 38 10 5 55 13
Ducks, gaese, and other poultryfarms, 1987	12	9	4	10		23	11	
1982	21	11	14	14	8 13	26	10 16	13 20
SALES								
Any poultry soldfarms, 1987	46	35	14	20	34	59	52	17
1982 \$1,000, 1987 1982	59 5 103 5 905	58 (D) 546	33 287	35 (D) 664	63 744 356	75 234 431	63 648	17 33 24 44
			416				615	
Hens and pullets soldfarms, 1987	5 10	10 38	5 23	2 20	8 28	5 28	18 28	6 10
number, 1987 1982	(D) 14 149	30 096 112 563	23 500 40 701	(D) 2 942	(D) 9 017	77 351	64 859 59 211	936 2 760
Hens and pullets of laying age soldfarms, 1987 1982 number, 1987	4 10 (D)	10 37 30 096	23 23 500	2 20 (D)	8 28 (D)	3 27 501	17 28 (D)	6 10 (D)
1982 Pullets not of laying age soldfarms, 1987	(6)	(D)	40 701	2 942	(6)	(D)	59 211 1	2 760 2 2
1982 number, 1987	2 (D)	1	-	-	i (D)	(D)	(D)	(D)
1982	(D)	(D)	-	-	(D)	(D)	\ <u>-7</u>	<u>-</u>
Broilers and other meat-type chickens soldfarms, 1987 1982	11 10	6 7	3 9	5 7	6 14	22 20	12 15	4
number, 1987 1982	9 226 13 129	2 450 357	(D) 1 771	385 620	2 025 3 213	6 712 3 852	2 607 2 202	552 270
1987 farms by number sold: 1 to 1,999	10	6	3	5	6	22	12	4
2,000 to 59,999 60,000 to 99,999	1	-	-	-	-	-		-
100,000 to 199,999 200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more farms number	-	-	-	-	-	-	-	-
Turkeys soldfarms, 1987	24	2	-	4	6	5	2	-
1982 numbar, 1987 1987_	26 577 290	3 (D)	-	5 060	6 (D)	3 (D)	3 (D)	-
1982 Turkeys for slaughter soldtarms, 1987	647 640 22	(D)	-	(D) 2	(D) 6	34	28	-
1982 number, 1987 1982	26 566 278 (D)	2 (D) (D)		(D)	6 (D) (D)	(D) 34	3 (D) 28	-
Ducks, gease, and other poultry soldfarms, 1987	(D)	3	1	2	(U)	8	- 1	1
1982.	3	2	2	1	4	4		ż

Table 14. Poultry-Inventory and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text]								
Itam	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY					,			
Any poultryfarms, 1987	178	68	66	103	73	100	36	46
1982 Chickans 3 months old or olderfarms, 1987	212 140	117 58	84 55	146 72	122 61	179 78	52 29	65 35
1982 number, 1987	189 454 105	100 8 993	70 (D)	115 278 711	113 3 847	157 4 650	2 770 2 7440	59 (D) 50 864
1982	270 413	14 007	111 983	322 227	26 738	19 793	2 448	
Hens and pullets of laying agefarms, 1987 1982 number, 1987	137 185 453 868	55 96 8 614	54 68 (D)	72 113 268 236	60 113 3 768	77 157 4 509	29 42 (D)	35 58 (D)
1987 farms by inventory:	269 323	13 372	111 846	320 375	26 528	19 187	2 351	(D) (D)
1 to 99 100 to 399	100 26	41 11	43 7	46 11	53 6	64 11	24 3	31 2
400 to 3,199 3,200 to 9,999	3 3	2	2 -	6	1 -	2 -	2 -	-
10,000 to 19,999	2 2	-	- 1 1	1 2 1				1
50,000 to 99,999	1 (D)	-	-	1 (D)	=	=	=	=
Pullets 3 months old or older not of	, ,			1-7				
leying age	8 18	8 14	8 5	10 10	6 11	6 16	3 4	5 3
number, 1987 1982	237 1 090	379 63 5	162 137	10 475 1 852	79 210	141 606	(D) 97	190 (D)
Pullat chicks and pullets under 3 months						_		_
old1987 1982	1 3 (D)	ī	2	1 2	1 2 (D)	3 3 (D)	-	2 - (D)
number, 1987 1982 Broilers and other meat-type chickenstarms, 1987	(D) (D)	(D) 13	(D) 12	(D) (D) 19	(D) (D) 8	(D) (D) 16	- - 8	16
1982 number, 1987	38 4 858	22 1 141	15 940	23 2 1 3 5	20 593	40 1 367	11 1 901	10 1 422
1982	3 001	1 839	1 000	2 309	943	2 466	943	579
Turkaystarms, 1987 1982	16 13	8 15	8	17 10	5 5	17 24	4 2	1 4
number, 1987 1982	38 360 (D)	42 51	94 (D)	(D) (D)	15 033 (D)	137 150	32 015 (D)	(D) 17 -
Turkay hans kapt for breedingfarms, 1987 1982 number, 1987	3 5 13	2 10 (D)	6 2 (D)	11 4 59	2 3 (D)	6 17 29	1 1 (D)	-
1982	16	18	(D) (D)	4	7	67	(D)	-
Ducks, geese, and other poultryfarms, 1987 1982	28 37	11 25	12 14	29 31	12 27	30 54	8 13	6 10
SALES								
Any poultry soldfarms, 1987	111 141	36 59	42 41	78 105	30 50	54 74	17 26	13 27 (D)
\$1,000, 1987 1982	6 556 3 680	65 101	(D) 1 007	3 979 4 525	(D) 452	40 127	(D) 125	(D) 432
Hens and pullets soldfarms, 1987	32	6	11	25	3	5	5	2
1982 number, 1987	48 348 344	21 (D)	15 (D)	53 281 776	20 (D)	20 235	6 (D)	12 (D)
1982 Hans and pullets of laying age soldfarms, 1987	376 559 32	7 273 6	(D) 11	295 270 25	(D) 3	5 686 5	572 5 6	44 228
1982 number, 1987 1982	45 348 344 (D)	21 (D) (D)	15 (D) (D)	53 (D) 295 270	20 (D) (D)	20 235 5 686	(D) 572	12 (D) 44 228
Pullets not of laying age soldfarms, 1987 1982	3	1	1 -	1 -	-	=	2 -	-
numbar, 1987 1982	(D)	(D)	(D)	(D) -	=	_	(D)	-
Broilers end other maat-type chickens sold farms, 1987	28 30	8 13	14 7	32 20	1 8	13 21	5 6	5
1982 number, 1987 1982	10 610 4 613	754 1 702	988 3 519	6 422 2 941	(D) 424	4 114 1 534	1 230 958	146 (D)
1987 farms by number sold: 1 to 1,999	28	8	14	31	1	12	5	5
2,000 to 59,999	-	-	-	1 -		1 -		_
100,000 to 199,999 200,000 to 499,999 500,000 or more	=	-	-	=		=	=	[
number	-	- 1	-	-	-	-	-	-
Turkeys soldfarms, 1987 1982	16 9	3 2	4	7 9	3	4 4	4 3	_
number, 1987 1982	228 916 125 791	21 (D)	84 (D)	(D)	44 080 (D)	79 (D)	(D) (D)	[]
Turkeys for sleughter soldfarms, 1987 1982_ number, 1987	18 9 228 816	3 2 21	4 1 84	7 9 (D)	2 1 (D)	4 4 79	3 (D)	
1982	125 791	(D)	(D)	(B)	(D)	(D)	(D)	_
Ducks, geese, end other poultry soldferms, 1987 1982	5 8	4 5	6 -	8 16	3 2	8 11	3	- 1

Table 14. Poultry-Inventory and Sales: 1987 and 1982-Con.

[For maaning of abbreviations and symbols, see intro	ductory tex	t]							
Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY				1					
Any poultryfer Chickens 3 months old or olderfan	1982	76 100 55 82 9 356 34 077	68 102 54 91 (D) 19 633	79 123 65 114 176 937 149 228	82 104 60 93 36 292 78 537	54 67 42 52 2 411 76 811	30 43 25 36 1 319 1 344	75 101 63 89 521 298 685 765	49 75 40 59 1 544 8 589
Hens and pullets of laying agefan	ms, 1987 1982 per, 1987 1982	53 81 (D) 33 427	54 88 (D) 19 212	64 113 (D) 148 483	59 90 36 149 78 059	42 52 2 370 (D)	24 36 1 179 (D)	60 85 346 224 409 504	40 59 1 521 7 884
1987 farms by inventory: 1 to 99 100 to 399 400 to 3,199 3,200 to 9,999 10,000 to 19,999 20,000 to 49,999 50,000 to 99,999 100,000 or more		35 14 3 1 -	46 5 - 2 - - 1 (D)	39 15 3 2 2 2 3 - -	44 11 1 - 3 3 - -	37 4 1 - - - - -	19 5 - - - - - -	34 4 5 12 4 - - 1 (D)	36 4 - - - - - -
Pullats 3 months old or older not of laying agafan	ms, 1987 1982 per, 1987 1982	2 3 (D) 650	1 9 (D) 421	4 9 (D) 745	5 8 143 478	3 2 41 (D)	5 1 140 (D)	6 12 175 074 276 261	3 9 23 705
Broilers and other maat-type chickensfarr	1982 par, 1987 1982	- - - 20 21 3 080 2 421	1 (D) (D) 12 13 568 2 472	1 (D) (D) 18 13 2 242 1 058	4 400 - 15 18 1 860 2 322	(D) - (D) - 13 - 11 1 908 2 275	2 (D) 7 9 892 568	1 (D) 13 11 2 219 1 165	_ 1 (D) 17 28 1 334 2 913
Turkey hens kept for breedingfan	1982 er, 1987 1982	9 10 144 49 5 6 26	- 4 10 - -	3 4 24 26 1	13 6 118 49 5 3	10 6 (D) (D) 2 2	7 6 46 13 1 2	6 8 4 044 (D) 4 6 (D)	10 14 107 137 3 5
Ducks, geese, and other poultryfan	1982	13 19	- 13 24	(D) (D) 9 14	18 9	(D) (D) 13 13	(D) (D) 6 5	(D) 10 15	11 11 16
SALES									
Any poultry soldfar	ms, 1987 1982 00, 1987 1982	54 81 71 201	32 38 (D) 117	43 74 1 454 1 362	42 66 825 1 041	32 40 557 682	13 15 7 5	59 70 5 301 4 889	15 25 8 56
Hans and pullets of laying aga soldfan	1982 er, 1987 1982	9 34 4 836 22 258 8 34 (D)	10 15 (D) 13 321 10 15 (D)	16 41 107 804 126 978 15 41 (D)	13 32 31 909 41 717 13 31	11 14 (D) 36 912 11 14 (D)	2 (D) (D) 2 2 (D)	35 44 838 272 553 813 31 41 236 272	3 6 (D) 3 114 3 6 (D)
Pullets not of laying age soldfan	1982	22 258 1 - (D)	13 321 1 (D)	(D) 2 1 (D) (D)	(D) - 2 (D)	36 912 - - - -	(D) - - - - -	(D) 4 3 602 000 (D)	3 114 - - - -
	ms, 1987 1982 per, 1987 1982	21 21 5 404 3 289	7 3 398 (D)	10 2 2 383 (D)	13 8 1 059 1 090	11 12 2 522 3 576	2 1 (D) (D)	13 15 54 716 (D)	- 6 - 1 248
1987 farms by numbar sold: 1 to 1,999 2,000 to 59,999 60,000 to 09,999 100,000 to 199,999 200,000 to 499,999 500,000 or more		21 - - - - - -	7 - - - - -	10 - - - - - -	13 - - - - -	11 - - - -	2	10 3 - - - -	- - - -
Turkeys for slaughter soldfari	1982 per, 1987 1982	6 1 54 (D) 6 - 54	1 (D) (D) 1 1 (D) (D)	(D) 1 - (D) 1 - (D)	(D)	3 4 (D) 3 4 (D) 0 0 0 0	-	65 013 (D) 3 3 (D) (D)	2 4 (D) 59 2 4 (D) 59
Ducks, geese, and other poultry soldfari		6 5	3 2	1 -	3 2	7	- 2	4 4	- 2

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbraviations and symbols, see introductory text			1	T				
Item	Monroe	Montgomery	Muscetine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY								
Any poultry	60 69 44 60 1 741 15 451	34 65 25 56 3 055 6 054	70 87 56 76 3 962 13 203	56 72 35 51 29 981 46 229	42 60 28 39 (D) 86 524	64 79 58 62 4 346 6 232	45 53 33 35 61 425 55 973	113 138 85 117 150 595 120 067
Hens end pullets of laying age	43 59 1 443 15 386 38 5 - - - - -	24 55 2 525 (D) 14 10 -	56 75 3 810 (D) 46 8 2 - - - -	33 49 (D) (D) 21 9 3 	28 39 (D) 86 355 17 8 1 1 - - - 1	58 60 4 168 (D) 45 11 2 - - -	33 35 (D) 55 698 24 5 1 1 1 1	84 116 (D) (D) 51 26 3 1 3 - -
Pullets 3 months old or older not of leying agefarms, 1987	6 3 298 65	8 3 530 (D)	9 6 152 (D)	4 5 (D) (D)	5 4 236 169	5 4 178 (D)	1 4 (D) 275	6 4 (D) (D)
Pullet chicks and pullets undar 3 months old	2 1 (D) (D) 13 11 1 248 1 590	- - - 11 8 448 635	2 - (D) - 15 20 873 1 020	1 (D) (D) 2 4 17 3 371 2 359	- - 12 18 2 745 3 080	1 (D) (D) 10 20 955 1 129	1 (D) 12 14 (D) 3 470	5 3 371 (D) 27 26 3 859 3 388
Turkeysfarms, 1987	8 9 49 69 3 1 9 (D)	3 1 24 (D) 1 1 (D) (D)	13 14 149 (D) 10 7 43 18	6 10 (D) (D) 2 5 (D) (D)	6 7 74 59 1 2 (D)	4 1 28 (D) 2 1 (D) (D)	4 4 (D) (D) 3 1 (D) (O)	21 9 169 77 7 2 24 (D)
Ducks, geese, and other poultryfarms, 1987 1982	14 17	7 12	17 24	15 15	11 12	15 12	11 12	32 22
SALES								
Any poultry sold1arms, 1987	15 21 6 116	21 ; 35 ; 17 ; 37 ;	36 41 31 787	37 53 (D) 857	30 46 (D) 310	31 41 26 36	27 33 908 533	65 84 1 591 1 406
Hens and pullets sold	37 77 275 8 406 3 3 6 (D) 1 1 1 (D)	3 15 293 2 411 3 15 293 2 411	8 16 847 4 311 8 16 847 4 311 -	5 24 (D) (D) 4 22 1 160 8 060 1 2 (D)	10 17 (D) 54 206 10 17 (D) 54 206	6 17 559 2 861 5 17 (D) 2 861 1	7 14 52 404 41 622 7 14 52 404 41 622 - -	19 46 340 354 258 086 17 44 (D) (D) 2 2 (D) (D)
Broilers and other meat-type chickens soldfarms, 1987 1982 number, 1987	(D) 4 1 209	5 2 953	9 9 836	(D) 23 9 6 142	15 13 6 183	3 7 250	10 11 (D)	16 15 7 943
1982	(O) 4 - - - -	(D) 5 - - - - -	(D) 9 - - - -	5 198 22 1 - -	3 107 15 - - - - -	292 3 - - -	2 875 9 1 - - - -	2 355 15 1 - -
Turkeys sold		-	5 77 57 (D) 7 57 (D)	(D) (D) (D) (D) (D)	4 (D) (D) 4 2 (D)	1 (D) 1 1 (D)	4 3 23 073 (D) 2 2 (D) (D)	5 2 (D) (D) 5 2 (D)
Ducks, geese, end other poultry soldfarms, 1987 1982	2 1	1 -	(D) 4 5	(D) 2 4	(D) 4 2	2	(b) 4 5	12

Table 14. Poultry-Inventory and Sales: 1987 and 1982-Con.

[For meaning of abbreviations and symbols, see introductory text	1		r					
ltem	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY								
Any poultry farms, 1987	29 54 18 38 107 133 108 163	55 63 40 49 (D) 2 927	117 158 97 142 23 973 30 340	49 73 37 66 (D) 26 950	30 40 26 35 1 196 1 291	55 75 48 64 204 893 96 577	75 106 60 89 5 964 87 897	64 80 47 66 4 161 9 668
Hens and pullets of leying ageferms, 1987_ 1982_ number, 1987_	18 38 (D) (D)	40 48 (D) 2 725	96 140 (D) 29 429	37 65 (D)	26 35 (D) 1 233	46 63 (D) (D)	60 88 5 364	47 65 (D) 8 662
1987 farms by inventory: 1 to 99	12 2 - 3 1 - 1	35 3 3 1 - 1	72 21 21 2 - 1	25 802 30 6 - 1 - -	22 4 - - - - -	24 11 3 1 4 2 1	(D) 145 111 4 - - - -	38 5 4 - - - -
Pullets 3 months old or older not of laying agefarms, 1987 number, 1982 number, 1982	1 4 (D) (D)	5 9 61 202	4 10 (D) 911	3 6 (D) 1 148	3 3 (D) 58	3 1 (D) (D)	5 11 600 (D)	1 7 (D) 1 024
Pullet chicks and pullets under 3 months old	1 (D) (D) 12 6 1 125 333	4 1 (D) (D) 15 1 531 1 389	1 2 (D) (D) 27 33 1 975 2 676	2 (D) 8 9 1 618 681	- - - - 2 7 (D)	(D) 12 12 13 2 350 1 631	2 (D) 18 21 2 205 2 278	1 (D) - 24 24 3 876 1 885
Turkeys	2 4 (D) (D) 1 4 (O)	9 5 110 10 3 2 (D)	12 12 99 74 4 4 14	7 5 (D) 5 3 (D)	2 3 (D) 12 1 1 (D)	6 5 85 094 (D) 3 2 (D)	20 13 (D) (C) 4 5 8 8	9 5 (D) 17 - 3 - (O)
Ducks, geese, and other poultryfarms, 1987 1982	5 20	15 16	28 36	10 9	5 9	10 10	25 35	8 20
SALES								
Any poultry soldfarms, 1987 1982 \$1,000, 1987_ 1982_	24 34 2 348 1 603	33 30 830 252	61 83 256 402	21 50 (D) 495	12 16 7 5	36 53 2 822 933	43 70 (D) 1 329	33 45 (D) 48
Hens end pullets sold	9 14 108 353 69 911	9 11 (D) (D) 7	13 37 (D) 23 434 13	4 19 (D) 20 344	128	18 25 114 298 51 169 18	29 511 214 050	5 19 748 5 074 5
1982_ number, 1987 1982_ Pullets not of laying age sold	14 (D) 69 911 2 (D)	10 (D) 1 570 2 1 (D) (O)	37 (D) 23 434 - - -	19 (D) 20 344 1 - (D)	128 - - - - -	25 114 298 51 188 - - -	27 511 (D) - 2 (D)	19 748 5 074 - - -
Broilers and other meat-type chickens soldfarms, 1987 1982 number, 1987	13 8 1 880	10 8 20 198 5 105	12 10 1 710	5 10 894	2 2 (D) (D)	10 10 4 230	16 13 4 527	11 7 2 374
1982_ 1987 farms by number sold: 1 to 1,999	2 255 13 - - - - -	5 105 7 3 - - -	1 430 12 - - - - -	1 546 5 - - - - -	(U) 2 - - - - -	7 477 10 - - - -	2 003 16 - - - - -	1 080 11 - - - - -
Turkeys sold	3 2 (D) (D) 2 - (O)	3 2 610 (D) 2 2 (D)	(D) 8 4	1 4 (D) (D) - -	- - - -	^{თ ფ} ტე ფ ფ	12 5 (D) (D) 12 5 (D)	3 1 (0) (0) 3 1 (0)
Ducks, geese, and other poultry soldfarms, 19871982	2 2	(D) (D) 4 4	(D) (D) 3 9	(D) 3 1	- - 1	(D) (D) 3 1	(D) (D) 12 10	(D) 2 6

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbraviations and symbols, see introductory text]							
ltem	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warran
INVENTORY								
Any poultry	111 151 85 118 650 750 456 590	55 60 41 43 81 386 93 853	126 176 95 143 69 688 179 702	46 62 39 50 1 599 (D)	51 59 45 55 1 898 3 239	51 105 46 91 6 999 8 996	63 96 51 82 (D) 98 050	91 108 74 83 36 122 143 065
Hens and pullats of laying agelarms, 1987 1982 number, 1987 1982 1987 farms by inventory:	82 115 (D) (D)	40 41 (D) (D)	94 142 68 838 (D)	39 50 (D) (D)	45 55 1 869 (D)	46 91 (D) 8 428	51 82 (D) 97 946	74 79 (D) (D)
1 to 99	39 17 6 5 7 4 3 1	29 2 4 3 1 1	67 18 3 2 4	33 6	43	40 5 - 1 - - -	49 1 - 1 - -	64 6 2 - 2 -
Pullets 3 months old or older not of laying aga	12 15 (D) (D)	7 4 (D) (D)	11 7 850 (D)	4 1 (D) (D)	3 3 29 (D)	1 13 (D) 568	5 8 99 104	11 10 (D) (D)
Pullet chicks and pullets under 3 months old	5 3 (D) (D) 27 41 2 547 5 794	1 (D) (D) 5 14 607 2 361	1 3 (D) 30 29 2 357 3 768	(D) 10 22 432 1 510	1 (D) - 9 10 364 447	1 (D) 11 19 873 1 889	1 2 (D) (D) 11 18 599 1 233	1 (D) (D) 14 28 740 1 344
Turkaysfarms, 1987 1982 number, 1987 1982_	17 16 (D) (D)	6 9 (D)	21 16 348 187	5 8 85 44 4	4 3 15 12 2	4 11 341 74	13 9 84 96 7	9 10 41 82 2 4
Turkey hans kept for breadingfarms, 1987 1982 number, 1987 1982 Ducks, gease, and other poultryfarms, 1987	12 10 (D) (D)	4 3 28 7	5 73 19	(D) 11	(D) (D)	7 (D) 19	1 20 (D)	(D) 19 21 32
1982	28	15	43	10	11	27	34	32
SALES								
Any poultry soldfarms, 1987 1982 \$1,000, 1987 1982	93 98 7 122 4 597	41 39 2 969 3 709	77 112 1 186 1 172	18 24 (D) 358	18 19 8 12	17 35 (D) 67	20 37 (D) 845	30 36 (D) 1 404
Hans and pullats soldfarms, 1987 1982 number, 1987 1982 Hans and pullats of laying age soldfarms, 1987 1982 number, 1987	42 59 628 458 315 270 39 57 (D)	17 20 84 894 123 301 16 18 (D)	14 35 257 654 250 703 13 34 (D)	4 8 (D) (D) 4 8 (D)	4 6 929 1 585 4 6 929	5 11 (D) 2 932 5 11 (D)	9 13 (D) 65 101 8 13 (D)	10 18 (D) (D) 10 16 (D)
Pullets not of leying age soldfarms, 1982_ 1982_ number, 1987_ 1982_ 1982_	(D) 4 2 (D) (D)	(D) 2 2 (D) (D)	(D) 1 1 (D) (D)	(D) - 1 - (D)	(D) - 2 - (D)	2 932 - - - - -	(D) 1 2 (D) (D)	22 291 - 2 (D)
Broilers and othar maat-type chickens soldfarms, 1987 1982 number, 1987 1982	25 20 15 115 5 391	13 9 3 869 4 350	22 20 4 704 3 220	4 7 (D) 630	3 3 (D) (D)	2 - (D)	2 1 (D) (D)	7 4 785 260
1987 farms by number sold: 1 to 1,999 2,000 to 59,999 60,000 to 99,999 100,000 to 199,999 200,000 to 499,999 500,000 or mora farms_number_	22	13 - - - - -	22	4	3	2	2	7 - - - - -
Turkeys sold	6 6 (D) (D) 4 4 (D)	7 6 (D) (D) 7 6 (D)	6 4 124 174 6 4 (D) 174	3 2 201 (D) 3 2 (D) (D)		- - - - -	(D) (D)	2 1 (D) (D) 2 1 (D) (D)
Ducks, geasa, and other poultry soldfarms, 19871982	17	6 3	15 15	4 3	t 1	4	7	3 4

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory taxt]								
ltem	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY								
Any poultryfarms, 1987	119	32	51	31	114	71	35	33
1982 Chickens 3 months old or olderfarms, 1987	166 79	42 26 38	75 36	48 21	164 92	126 60	48 21	57 22
1982 number, 1987	127 (D)	1 425	62 (D) (D)	43 (D) (D)	138 262 549	104 4 010	38 11 141	33 57 22 47 31 520 39 555
1982	(D)	2 337			183 439	7 438	30 380	39 555
Hens and pullets of laying agefarms, 1987 1982	78 (125	26 37	38 60	21 43	92 137	60 104	21 38	21 47
numbar, 1987 1982	(D) 156 280	1 359 2 032	(D) (D)	(D) (D)	256 578 182 430	(D) 7 206	(D) (D)	(D) (D)
1987 ferms by inventory: 1 to 99	65 10	22 4	22 11	18 2	67 19	49	16	11
400 to 3,199	10	-	<u>'</u> -	- 1	2	11 -	2 1 2	5 2 2
10,000 to 19,999 20,000 to 49,999	<u>:</u>	-	=	-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-	-	1
50,000 to 99,999	<u>-</u>	-	2	-	i		-	-
number	(D)	-	(D)	-	(D)	-	-	-
Pullats 3 months old or older not of laying agafarms, 1987	12	5	7	5	12	5	2	2
1982 number, 1987	10	4 66	11	5 225	11 5 971	8 (D)	2	3 2 (D) (D)
1982	(D) (D)	305	(D) (D)	77	1 009	232	(D) (D)	(D)
Pullet chicks and pullets under 3 months oldfarms, 1987	,	_	2	2	1	2		
1982 number, 1987	3 (D)	-	3	(D)	(D)	4	2	-
1982 Broilers and other meat-type chickensferms, 1987	(D) 25	5	(D) (D) 14	11	(D) 29	(D) (D) 20	(D) 5	- 8
1982 number, 1987	42 3 040	8 345	13 1 005	1 250	28 1 694	25 1 324	12	8 1 475
1982	4 513	(D)	731	(D)	2 287	2 288	(D) 1 953	969
Turkeysfarms, 1987	21 14	2	1 7	11	10 12	8 17	10 5	4 2
number, 1987 1982	167 288 165 907	(D)	(D) 42	125 138	60 (D)	(D) (D)	(D) (D)	(D) (D)
Turkey hens kept for breedingfarms, 1987 1982	3	1 -	2	3 7	5 5	3	6 3	1
numbar, 1987 1982	(D) (D)	(D) -	(D)	(D) 59	20 6	(D)	(D) (D)	(D) (D)
Ducks, gease, and other poultryfarms, 1987 1982	14 20	10	16 28	7 14	32 21	22 30	16 12	9 14
SALES								
Any poultry soldfarms, 1987	77	9	23	17	58	40	18	24
\$1,000, 1982 \$1,000, 1987	8 988	18 9	42 (D)	23 (D)	99 2 725	72 2 382	30 1 858	41 1 349
1982	8 621	278	10 416	167	1 777	2 187	1 010	690
Hens and pullets soldfarms, 1987 1982	18 31	1 6	8 24	2 7	15 51	9 28	6 14	4 14
number, 1987 1982	446 338	(D) 692	560 920 303 852	(D) (D)	178 983 129 124	682 2 340	16 066 25 898	25 900 29 490
Hens and pullats of laying ege soldferms, 1987 1982 number, 1987	18 30 105 556	6	8 21	7 (5)	14 51	9 28	14	4 14
Pullets not of laying ege soldfarms, 1987	(D)	(D) 692	560 920 (D)	(D) (D)	129 124 1	682 2 340	16 066 25 898	25 900 29 490
1982 number, 1987	3 (D)		3	(O)	(D)	-	-	=
1982.	(Ď)	-	(D)	-	-	-	-	-
Broilers and other meat-type chickens soldfarms, 1987 1982 number, 1987	22 33 6 311	2 - (D)	3 7 (D)	10 4 1 511	9 16 1 373	5 11 374	2 6 (D)	5 12 1 385
1987 farms by number sold:	45 825	-	785	268	4 463	(D)	1 620	1 385 (D)
1 to 1,999	22	2	3 -	10	9	5	2	5 -
60,000 to 99,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	=	-	-	-	-
	25			i		-	-	-
Turkeys soldfarms, 1987 1982 pumber 1987_	25 23 772 272	2 2	1 5	2 1	2 2	10 12	5 4	2 5
number, 1987 1982 Turkeys for slaughter soldfarms, 1987	773 272 682 179 24	(D) (D) 2	(D) (D)	(D) (D) 2	(D) (D) 2	358 321 284 924	173 704 48 750	(0)
1982 number, 1987	22 (D)	2	3 (0)	(D)	(D)	10 12 358 321	4 3 (D)	2 5 (D) (D) 2 3 (D)
1982	(D)	(D) (D)	(D) (D)	-	(0)	284 924	(D)	(D)
Ducks, geese, and other poultry soldfarms, 1987 1982	2	1 -	4 7	1 6	6	4 2	2 3	4 8

Table 15. Selected Crops: 1987 and 1982

[For meaning of abbreviations and symbol	ols, see introductory text	t) 			7		T .	1
Crop		lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Harvested croplend	1982 acres, 1887 1982	92 878 103 644 20 484 178 24 137 870	859 963 196 940 217 307	587 662 115 592 142 514	928 1 021 140 120 171 287	761 794 94 539 98 079	721 820 172 611 207 627	1 278 1 434 301 315 352 554
Imigated	farms, 1987 1982 acres, 1987 1982	825 608 91 598 91 175	3 1 (D) (D)	1 (D)	2 (D)	1 1 (D) (D)	(D)	(D)
Corn for grain or seed	1982 acres, 1987 1982 bushels, 1887 1982	83 301 92 482 10 147 051 12 880 050 1 274 388 348 1 466 953 043	788 800 83 248 107 781 11 527 532 10 350 588	516 580 51 424 62 254 8 143 315 5 486 845	842 828 81 451 82 443 7 918 552 8 829 375	480 499 26 382 31 651 2 836 759 2 645 243	674 744 89 180 112 767 11 444 514 11 646 058	1 183 1 328 144 170 188 670 19 408 044 22 098 370
Irrigated	1987 1982 acres, 1987 1982	453 386 62 098 58 796	(D) (D)	-	1 (D)	- - -	(D)	(D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 ecres 100 to 249 acres 250 acres or more		11 524 35 088 27 188 9 503	111 385 247 75	74 252 148 41	187 472 152 31	195 204 65 16	80 281 228 87	133 505 405 140
Corn for sitage or green chop	1982 acres, 1987 1982 tons, green, 1987	7 934 17 412 205 178 536 645 3 251 394	31 110 1 181 3 222 17 550	26 79 1 006 3 832 13 708	271 475 4 537 10 674 69 400	40 56 825 1 154 13 734	42 147 1 060 7 068 16 645	6 122 57 834
Irrigated	1982 farms, 1987 1982 acres, 1987 1982	8 290 817 7 28 110 2 364	43 401 - - - -	51 547 - - - - -	162 065	11 634	98 669 - - - -	102 078 - - - -
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		5 508 2 112 285 49	17 12 2	10 14 2	228 38 5	31 9 - -	28 11 3 -	65 13 5 1
Wheat for grain	farms, 1987	1 345 2 731 31 047 98 688 1 180 360 2 845 239	7 31 (D) 1 181 46 740 36 306	17 61 519 2 402 11 123 61 312	2 5 (D) 92 (D) 2 964	8 42 115 853 3 735 23 153	7 13 356 608 17 472 18 236	12 302 550 12 534
Irrigated	farms, 1987 1982 acres, 1987 1982	2 13 (D) 843	=	1 (D)	=	-	=	=
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		998 307 33 7	6 - - 1	11 4 2	2	6 2	4 - 3	4
Oats for grain	1982 acres, 1987 1982 bushels, 1987 1982 farms, 1987	25 398 35 752 544 907 811 716 30 918 660 45 769 302 16	318 488 6 998 11 545 313 087 510 718	178 262 4 495 6 881 198 446 250 468	577 662 14 044 14 907 808 084 814 921	92 134 1 461 2 134 63 161 67 868	236 384 5 359 9 522 332 061 526 448	457 619 9 097 13 098 547 160 733 540
1007 farms by some har set of	1982 acres, 1987 1982	21 484 433	Ξ	-	(D)	=	=	=
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		18 021 7 125 238 14	214 103 1 -	102 74 2 -	364 203 10 -	79 13 - -	162 73 1	341 114 2 -
Soybeans for beans	1982 acres, 1987 1982 bushels, 1987 1982	68 278 73 175 7 903 395 8 044 305 326 081 351 291 189 890 221	667 724 66 704 60 861 2 824 823 1 963 818	451 513 42 173 46 894 1 603 229 1 359 648	120 93 3 726 3 881 156 073 127 430	401 462 25 860 27 523 914 278 678 723	607 589 65 109 60 722 2 752 156 2 213 337	1 062 1 159 126 534 125 859 5 712 984 4 949 326
Irrigated	1982 acres, 1987 1982	221 179 20 304 21 215	=	- - -	=	=	(D)	(D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 ecres or more		10 200 28 626 22 245 7 207	113 337 166 51	83 220 115 33	64 52 4 -	141 184 57 19	94 266 199 48	111 459 368 124
Hay—alfalfa, other tame, small grain, wil grass silage, green chop, etc. (see text)	1987 1982 0cres, 1987 1982 tons, dry, 1987	48 271 56 372 1 968 207 2 035 033 5 612 944	614 778 31 464 37 387 90 888	425 513 20 097 22 222 50 601	841 933 61 648 64 141 201 858	647 641 42 156 37 168 88 741	389 520 14 191 19 933 39 511	694 753 22 834 22 576 69 242
Irrigated	1982 acres, 1987	6 201 756 45 50 1 216	118 789 - - -	62 298 - - -	202 351	85 191 - - -	60 351	75 970 - 1 - (D)
1987 farms by acres harvested: 1 to 24 acres		1 271 22 645 21 233 4 085 308	208 335 64 7	139 240 45 1	(D) 144 490 186 21	180 330 122 15	196 168 23 2	363 301 28 2

[Far meaning of abbreviations and symbols, see introductory text]											
Сгар	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun				
Hervested cropland farms, 1987	1 210		985 1 156	1 198 1 273	996 1 099	1 115 1 290	927 1 082				
ecres, 1987 1982 Irrigated	257 275			275 747	264 594 309 121 6	229 095 273 765 2	263 491 306 918				
1982 acres, 1987	6 (D)	4 6	5 203	1 (D)	(D)	(D)	5 3 537				
1982 Corn for grain or seed farms, 1987	996	825 825	890	1 136	(D) 953	(D) 1 024	(D) 872				
1982 acres, 1987 1982	120 536 146 916	931 112 738 141 511	1 057 93 017 116 766	1 193 139 845 176 718	1 056 125 356 163 381	1 195 121 799 154 661	1 008 111 282 148 119				
bushels, 1987 1982 Irrigated	17 815 328	15 534 064 17 333 411	12 379 993 13 654 093	19 024 742 21 468 464	15 880 096 19 128 081 3	15 823 601 17 987 647 2	15 303 730 17 999 607				
1982 acres, 1987 1982	2 (D)	(D)	160	(D)	(D)	1 (D)	295				
1987 farms by acres harvested: 1 to 24 acres		101	254	181	(D) 61	(D)	(D)				
25 to 99 acres 100 to 249 acres 250 acres or more	- 412 - 288	314 288	436 223	486 327	406 383	473 345	352 358				
Corn for silage or green chop farms, 1987	77	122 30	152	142	103	99	88				
acres, 1987 1982	1 383 4 245	82 1 535 2 909	286 2 366 4 965	268 2 062 4 983	157 1 504 6 295	201 1 805 4 575	100 1 705 4 405				
tons, green, 1987 1982 Imigated farms, 1987	77 955	33 569 48 755	38 990 81 161	35 591 88 229	25 466 105 595	26 524 65 979	25 005 63 666				
1982 acres, 1987 1982	(D)	-	-	-	- :	=	1 -				
1987 farms by acres harvested: 1 to 24 acres		17	123		37	67	(D) 21				
25 to 99 acres	_ 12 _ 2	9 2 2	29	19	15	15	15				
Wheat for grainfarms, 1987	5	11 13	3	10 7	3	7	2				
acres, 1987. 1982	134 532	167 561	(D) 122	135 136	(D) 314	220 262	(D) (D) (D) (D)				
bushels, 1987 1982 Irrigated farms, 1987	17 513	7 423 23 786 -	981 3 115 -	6 416 3 910	10 260 5 620	7 952 5 601	(D) (D)				
1982 acres, 1987. 1982		-	-	-	=	-	=				
1987 farms by acres harvested: 1 to 24 acres	2	8	3	9	1	4	1				
25 to 99 acres	_ _	3	-	1 -	2	2	1 -				
Oats for grain farms, 1987.	228	148 268	339 459	474 513	169 310	361 544	140 283				
acres, 1987. 1982. bushels, 1987.	4 596 6 943	3 031 5 416 186 754	6 102 8 468 355 158	8 399 9 957 475 365	3 160 6 062	6 881 11 090	2 913 6 385 167 384				
1982 Irrigated farms, 1987	363 395	333 105	402 525	469 424	188 471 437 499	392 072 600 642	467 266				
1982 acres, 1987. 1982.	.[]	=	-	=	-	1 - (D)	-				
1987 farms by acres harvested: 1 to 24 acres		116	258	380	131	280	102				
25 to 99 acres	. 2	27 5 -	81	93 1 -	35 3 -	77 4 -	37 1 -				
Soybeans for beans farms, 1987.	903	795 869	692 801	870 831	924 975	926 1 008	853 982				
acres, 1987. 1982. bushels, 1987.	89 027	122 615 117 640 5 406 176	52 660 54 571 2 283 773	71 922 70 965 3 242 621	130 258 128 265 5 335 671	86 141 87 484 3 689 973	144 293 142 903 6 418 023				
1982. Imigated farms, 1987.	3 342 554	4 613 391	1 903 151	2 536 562	4 754 154	3 074 173	5 444 739				
1982 acres, 1987. 1982.	(D)	-	(D) (D)	=	87 (D)	(D) (D)	1 242 (D)				
1987 farms by acres harvested: 1 to 24 acres		83	150	220	55	100	46				
25 to 99 acres	_ 252	274 295 143	360 157 25	376 233 41	332 422 115	503 276 47	258 363 186				
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987.	436	341	541	582	255	551	253				
1982 acres 1987. 1982.	493 11 407	439 8 786 8 951	646 19 025 19 768	646 17 151 16 589	349 6 408 7 109	684 15 805	340 5 766 7 400				
tans, dry, 1987. 1982.	35 873 40 072	22 894 27 298	63 101 65 091	49 252 47 710	18 989 24 186	17 484 48 111 55 864	14 940 22 680				
Irngated tarms, 1987. 1982. acres, 1987.	(D)	=	=	=		-	2				
1982. 1987 farms by acres harvested:	`-	_	-	_	-	-	(D)				
1 to 24 acres	- 134 - 16	234 94 12	277 228 36	339 222 21	177 65 13	324 210 17	182 61 10				
250 acres or more	- 1	1		-	- 1	-	1 -				

[For meaning of abbraviations and symb	ools, see introductory text]		- 1					
Сгор		Carroll	Casa	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Harvested cropland	1982 acres, 1987	1 164 1 248 270 392	834 964 213 323	1 012 1 172 230 081	847 845 233 423	979 1 095 230 141	953 1 051 187 589	588 877 93 996
Irrigated	1982 farms, 1987 1982 acres, 1987 1982	300 937 3 2 (D)	246 427 1 1 (D) (D)	281 855 3 2 (D) (D)	281 033 8 9 352 895	262 179 4 1 68 (D)	232 637 11 7 1 146 1 510	114 078 2 1 (D) (D)
Corn for grain or seed		1 105 1 159 132 252 152 727	783 870 106 962 129 355	953 1 113 138 757 192 257	757 847 123 528 158 200	928 1 018 111 626 137 628	869 958 98 779 130 415	459 525 37 261 47 634
Irrigated	1982	17 304 749 16 712 864 2 1 (D)	13 504 527 13 117 123 - -	16 395 191 25 190 085 - -	15 908 537 19 103 648 2 2	13 914 353 16 198 419 - 1	12 785 975 13 451 087 8 6 775	3 462 983 3 487 164 - -
1987 farms by acras harvested:	acres, 1987 1982	8	Ξ	-	(D) (D)	(D)	1 410	
1 to 24 acras 25 to 99 acras 100 to 249 acras 250 acras or more		74 523 407 101	71 332 259 121	71 358 378 146	65 252 294 146	83 384 369 92	141 391 245 92	91 257 91 20
Corn for silage or green chop	1987 1982 acres, 1987	80 278 3 467	46 146 1 264	86 147 2 016	40 107 1 197	114 301 2 836	169 289 3 806	32 63 787
	1982 tons, graan, 1987 1982	18 170 50 939 292 351	5 466 20 277 81 452	3 696 30 614 65 564	2 974 18 619 50 341	11 213 41 821 172 362	8 678 54 944 115 850	2 113 9 031 18 609
Irrigated	farms, 1987 1982 acres, 1987 1882	-	- - -	- - -	-	-	:	-
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres		48 25 4	28 16 2	61 22 3	26 11 3	80 33	113 52 4	21 10 1
250 acras or more		3 7	22 52	9 15	3 4	1 : 2 : 4 :	7 6	7 15
	acres, 1987 1982 bushels, 1987 1982	447 161 24 364 4 183	505 2 380 17 436 82 352	297 296 8 695 12 987	(D) 87 450 1 660	(D) 152 (D) 2 984	215 82 8 450 2 558	162 334 3 355 9 685
Irrigatad		-	-	-	-	-	-	-
1987 farms by acres hervestad: 1 to 24 acres 25 to 99 acras 100 to 249 acras 250 acras or more		- 1 1 1	18 3 1	6 2 1	2 1 -	2 - -	4 2 1	2 5 -
Oats for grain	farms, 1987 1982 acras, 1987 1982 bushels, 1987	375 518 8 249 11 912 493 853	185 341 3 618 7 667 151 785	324 423 5 739 8 116 361 588	166 265 3 600 5 644 200 255	219 383 4 098 8 084 262 749	381 441 7 470 8 945 450 070	142 182 3 347 4 298 101 555
Irrigeted	1982 acres, 1987	796 252 - - -	337 778 - - - -	492 998 1	340 832 - - -	636 600 - - -	402 283 - 1 - (D)	124 563 - 1 - (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres		278 92 4	139 44 2	(D) 259 64 1	114 49 3	170 48 1	281 98 2	87 53 2
250 acras or more		1 037 1 058 115 659 105 362	724 768 84 078 78 903	772 727 71 248 65 194	689 762 98 942 108 511	860 931 100 873 94 917	691 751 59 084 68 068	347 413 24 717 31 031
Irrigated	1982 acres, 1987	4 939 438 3 917 008 1 - (D)	3 381 709 2 675 778 - - -	3 170 044 2 766 003 - - -	4 077 185 3 849 075 3 4 (D)	4 296 210 3 665 347 1 (D)	2 461 583 2 089 898 2 1 (D)	810 789 855 044 - - -
1987 farms by acres hervested: 1 to 24 acres 25 to 99 acres 100 to 248 acres 250 acres or more		82 478 403 74	105 309 233 77	119 388 229 36	422 81 221 273 108	65 353 376 66	(D) 147 343 162 39	94 182 57 14
Hay -alfalfa, other tame, small grein, w gress silage, green chop, etc. (see tex	rild,	506 574 15 229 15 843 44 485	491 613 21 367 24 070 60 394	508 560 16 257 14 782 46 853	270 288 7 141 5 898 21 514	427 516 13 799 13 009 40 137	542 615 21 142 20 205 65 690	488 549 29 766 30 296 72 801 85 337
Irrigated	1982 farms, 1987 1982 acres, 1987	54 734	72 478 1	48 145 1 1 (D)	17 352 - - -	44 265 1 (D)	60 875 2 1 (D)	85 337 1 (D)
1987 farms by acres harvastad: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or mora		286 197 22 1	(D) 200 241 48 2	(D) 278 210 19 1	183 73 14	245 163 18	(D) 249 248 44 1	124 286 91 7

[For maaning of abbreviations and symbols, see introductory text	[]						
Сгор	Clay	Clayton	Clinton	Crawford	Dellas	Davis	Decatur
Harvasted cropland	795 957 229 226 289 853	1 508 1 563 240 158 264 630	1 256 1 394 258 502 321 273	1 128 1 349 264 366 311 178	947 1 079 223 550 272 553	795 847 107 597 136 324	581 667 97 184 131 493
Irrigated farms, 1987 1982 acres, 1987 1982_	4 6 276 543	(D)	3 86 6	1 (D)	11 3 133 (D)	(D)	(D) (D)
Corn for grain or seed	750 882 103 766 146 191 13 480 814	1 383 1 428 130 350 158 460 17 251 649	1 183 1 329 165 946 225 437 17 740 345	1 050 1 236 132 197 162 571 15 865 611	776 886 108 578 145 678 14 777 623	569 650 40 121 56 371 3 532 975	402 448 33 659 47 354 3 456 175
1982_ Irrigated farms, 1987 1982 ecres, 1987 1982	16 086 229 2 4 (D) 413	18 436 475 - - - -	27 944 257	16 789 928 - - -	17 589 876 1 - (D)	5 211 412 1 (D)	3 942 426 1 (O)
1987 farms by acres harvested: 1 to 24 acres	63 290 292 105	243 720 329 91	125 459 423 176	105 430 404 111	148 290 221 117	202 253 85 29	133 171 73 25
Corn for silage or graan chop farms, 1987 1982 ecres, 1987 1982 tons, green, 1987 1982	49 157 2 576 7 132 46 944 115 421	231 508 3 267 9 738 54 214 145 654	148 285 4 502 8 513 66 587 148 864	55 198 1 970 6 509 35 786 94 397	33 90 1 620 3 332 36 336 52 240	82 90 1 331 2 309 18 061 28 481	38 82 1 363 3 672 16 867 40 105
Irrigated	=	- - -	-	-	- - -	-	-
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	29 16 2 2	211 18 1	79 63 6	29 23 1 2	13 17 2 1	63 19 - -	21 14 3 -
Wheat for grain farms, 1987 1982 acras, 1987 1982 bushals, 1987 1982	(D)	11 3 143 (D) 6 840 (D)	31 14 510 247 26 072 9 067	9 28 120 895 4 853 30 022	8 10 322 372 19 349 15 057	31 83 589 2 129 17 300 53 316	15 44 304 2 178 8 160 58 208
Irrigated	-	1 (D)	:	-	-	-	1 (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	-	10 1 - -	26 5 -	8 1 -	3 5	21 10 - -	11 4 -
Oats for grain	111 253 2 587 6 111 145 093 405 917	932 979 22 492 23 130 1 453 302 1 190 512	447 509 7 919 9 984 467 898 576 764	459 718 11 605 21 572 522 245 1 421 057	124 186 2 441 3 172 138 165 198 263	171 237 2 702 4 029 105 283 121 172	55 93 1 180 1 909 36 181 48 469
Irrigated ferns, 1987 1982 scres, 1987 1982 1982	-		(D)	-		-	-
1987 farms by acres harvasted: 1 to 24 acras 25 to 99 acras 100 to 249 acres 250 acres or more	75 33 3	562 365 4 1	356 88 3	289 165 4	98 23 3	141 30 - -	38 16 1
Soybeans for beans	725 841 114 582 122 931 4 887 610 4 282 755	170 103 10 851 4 774 470 117 159 641	790 735 63 428 61 018 2 843 390 2 544 219	946 1 085 98 070 95 097 3 728 789 3 581 513	713 821 103 628 110 491 4 548 961 4 360 271	424 481 31 948 39 280 1 021 541 1 069 729	349 409 31 224 38 795 1 110 698 1 110 730
Irrigatedfarms, 1987 1982 ecres, 1987_ 1982_	1 1 (D) (D)	-	-	-	-	-	-
1987 farms by acres harvastad: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	46 238 289 144	58 81 24 7	181 388 189 32	131 444 299 72	116 246 225 126	148 179 77 20	77 168 80 24
Hay-elfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987 1982 acres, 1987 1982 tons, dry, 1987 1982	241 374 8 003 10 165 24 283 31 498	1 272 1 365 83 341 77 428 280 637	638 659 21 568 19 963 68 184	676 844 23 903 27 523 72 404 91 697	374 480 9 641 11 364 25 982 37 125	657 703 33 142 35 614 65 049 86 323	468 572 32 832 39 380 68 292 97 645
1982 Irrigated	1	256 360 - 1 - (O)	2	91 69/	37 125 1 (D)	86 323 1 (D)	9/ 045
1982 1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	(D) 153 64 23	304 711 239 18		322 316 34 4	230 136 8	227 335 89 6	127 234 92 15

[For meaning of abbreviations and symbols, see introductory	ext)	1	1			<u> </u>		
Crop	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Harvested croplandfarms, 1987 1982 9cres, 1987 1982	1 368 242 896	688 719 133 157 160 882	534 598 151 322 186 783	1 469 1 549 206 360 223 575	553 665 165 963 207 784	1 353 1 493 279 159 330 393	888 1 001 215 365 253 591	900 1 065 251 619 309 260
Irrigated farms, 1987 1982 acres, 1987 1982	2 (D)	7 4 (D) 311	4 4 (D) (D)	5 2 18 (D)	6 4 311 (D)	7 3 425 42	7 6 (D) 868	8 2 (D) (D)
Corn for grain or seedfarms, 1987 1982 acres, 1987 1982 bushels, 1987	1 303 152 360 184 224 20 436 465	596 634 70 934 95 773 7 752 886	474 550 67 152 91 610 8 680 549	1 367 1 440 103 204 122 836 13 034 171	523 617 76 262 107 116 10 513 999	1 271 1 376 152 228 189 247 20 745 603	811 894 108 155 132 029 13 898 599	870 1 022 130 089 172 074 17 768 732
1982 Irrigatedfarms, 1987 1982 acres, 1987 1982	-	12 103 320 1 2 (D) (D)	10 272 578 1 1 (D) (D)	14 830 558	12 916 187 5 3 218 (D)	20 846 810 4 2 (D) (D)	15 091 739 6 6 605 (D)	20 827 413 5 2 234 (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	586 417	108 263 161 64	39 173 197 65	239 811 275 42	31 182 235 75	174 585 371 141	107 312 281 111	66 334 326 144
Corn for silage or green chopfarms, 1987 1982 acres, 1987 1982 tons, green, 1987	524 5 110 10 658	60 80 1 603 2 279 29 552	54 127 2 113 6 422 32 259	368 598 6 884 12 434 99 984	20 87 929 3 189 15 335	255 492 4 854 12 749 81 841	77 159 1 574 4 534 29 977	42 144 1 181 5 348 23 335
1982 Irrigated farms, 1987 1982 acres, 1987 1982	173 581	41 725 1 (D)	98 244	194 971 1 1 (D)	50 081	196 233	68 133 - 1 (D)	112 151
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	54 3	38 20 2	27 22 4	292 69 7	9 9 2	191 62 2	58 18 1	30 9 3
Wheat for grainfarms, 1987 1982 acres, 1987 1982	21 5 275 158	42 84 690 3 057	5 1 166 (D)	11 11 104 230	1 1 (D) (D)	12 16 213 326	5 7 34 179	3 3 (D) (D)
bushels, 1967 1982 Irrigatedfarms, 1987 2982 acres, 1987	6 644 	35 118 98 275 - -	6 521 (D) - - -	4 735 8 391 - -	(D) (D) - -	7 220 9 976 - - -	1 120 8 039 - -	11 910 (D) - -
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	19 2	38 4	3 2 -	10	- 1	10 2	5 -	1 1 1
Oats for grainfarms, 1987 1982 acres, 1987 1982 bushels, 1987	767 - 825 - 17 382 - 19 199 - 1 083 467	72 103 1 072 1 400 50 331	96 162 2 212 3 644 130 921	973 1 065 22 459 24 858 1 449 245	54 94 1 074 1 646 65 923	662 807 14 940 18 081 967 020	211 328 4 573 7 403 278 941	177 308 2 772 5 547 165 857
1982 Irrigatedfarms, 1987 1982 acres, 1987 1982	=======================================	62 314 - - - -	268 587 - - - -	1 152 458	119 231 - - - -	943 149	363 225 - 1 - (D)	321 577
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	252 6	60 12 -	65 30 1	601 368 4	38 15 1	447 209 6	143 65 3	153 24 - -
Soybeans for beansfarms, 1987 1982 acres, 1987 1982 bushels, 1987	342 26 262 23 128 1 209 472	521 524 50 976 50 035 1 927 508 1 979 636	463 511 74 062 79 497 2 903 116 2 722 856	101 49 4 133 2 576 190 367 95 904	502 593 84 899 93 139 3 648 321 3 402 627	772 774 67 824 69 751 3 026 716 2 378 462	739 829 93 208 100 532 3 800 357 3 333 829	799 917 111 856 117 185 4 815 151 4 365 184
Irrigatedfarms, 1987 1982 acres, 1987 1982		1 (D)	-	-	2 1 (D) (D)	(D)	4 1 158 (D)	(D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	260 69	115 234 131 41	39 131 205 88	45 48 6 2	28 127 250 97	145 392 187 48	97 293 254 95	49 304 329 117
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 1982 acres, 1987 tons, dy, 1987	993 48 626 43 421	325 312 10 277 8 976 25 293	192 224 7 714 7 137 25 840	1 267 1 318 78 518 67 323 262 491	152 190 4 169 4 256 12 388	870 1 012 44 262 44 646 153 556	358 436 10 394 10 686 27 345	280 355 6 939 7 997 20 679
loris, dry, 1967 1982 Irrigatedfarms, 1987 1982 acres, 1987 1982	144 535 1 (D)	27 017	23 321	225 753	13 231 - 1 (D)	150 537 - 1 (D)	32 818 - 2 - (D)	27 112 1 (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	275 578 96	193 113 15 4	108 65 17 2	296 731 229 11	98 46 8	281 476 107 6	213 129 16	184 89 6

Table 15. Selected Crops: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]	1							
Crop	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Harvested cropland	636 706 203 010	850 956 258 005	929 1 012 243 481	830 984 176 254	935 1 059 262 514	975 1 103 259 372	944 1 071 243 566	925 1 093 253 868
1982 Irrigatedfarms, 1987 1982	221 709 11 8	298 927 8 4	280 478	212 433 4 2	312 961 2 -	309 687 8 6	295 747 9 2	298 908 78 69
acres, 1987 1982 Com for grain or saedfarms, 1987	1 265 (D) 567	(D) 501 789	(D) 886	(D) (D) 737	(D) - 883	586 772 940	(D) (D) 872	15 933 (D) 835
1982 acres, 1987 1982 bushels, 1987	605 87 155 97 807 9 823 386	882 112 576 148 325 16 013 687	954 128 793 160 873 18 051 570	841 82 343 107 907 10 291 912	990 126 152 165 668 17 603 314	1 050 128 403 166 870 17 048 320	983 128 885 167 179 17 937 064	956 124 451 148 222 16 261 726
1982 Irrigatedfarms, 1987 1982 acras, 1987	8 725 670 9 7 1 148	17 624 475 4 4 3 377	19 687 197	11 360 563 2 1 (D)	20 614 069 1 (D)	20 170 740 5 4 450	21 145 166 1 1 (D)	16 261 726 15 315 138 70 63 9 998
1982 1987 farms by acres harvested: 1 to 24 acres	773	445 69	79	(D) 124	65	480	(D) (11 122
25 to 99 acras	214 205 94	270 337 113	375 306 126	327 205 81	353 344 121	370 381 126	327 343 142	288 330 135
Corn for silage or green chopfarms, 1987 1982 acres, 1987	15 39 413	17 87 1 109	37 89 1 364	28 110 934	12 43 946	67 174 1 310	46 125 1 016	48 140 1 168
1982 tons, green, 1987 1982 Imgated	1 439 6 350 21 306	4 476 19 867 75 809	3 284 28 161 63 690	2 994 17 204 49 606	2 087 17 090 35 062	4 926 24 192 89 520	5 183 16 456 84 961	4 078 18 150 58 988
1982 acres, 1987 1982	-	- - -	- - -	1 - (D)	-	- - -	-	3 - 80
1987 farms by acres harvasted: 1 to 24 acres	10 4 1	4 11 1	25 8 3	15 10 3	3 5 3	50 16 1	26 20 -	31 15 2
250 acras or morefarms, 1987	19 61 577	1 5 5 139	1 5 2 68	6 11 124	3 2 (D)	1 3	- 2	32 147 1 101
acres, 1987 1982 bushals, 1987 1982	3 958 22 367 68 546	612 4 180 20 950	(D) 3 485 (D)	409 3 290 14 590	(D) 8 620 (D)	(D) 50 (D) 2 023	(D) (D)	6 220 37 407 207 700
Irrigatedfarms, 1987 1982 acres, 1987 1992	-	-	- - -	-	-	- - -	-	1 (D)
1987 farms by acras harvested: 1 to 24 acras 25 to 99 acras 100 to 249 acras 250 acras or mora	13 5 1	2	5	4 2 -	2 - 1 -	1 - -	-	19 11 2
Oats for grainfarms, 1987	20 62 437 1 509 21 686	128 195 2 336 4 087 144 126 269 988	169 278 2 666 6 066 160 529 352 447	229 380 5 183 8 999 249 610 463 145	95 187 1 483 2 886 97 869 160 069	198 341 3 471 6 111 226 932 365 293	141 260 2 681 5 403 164 514 328 755	146 273 3 325 7 645 171 519 497 882
1982 Irrigatedfarms, 1987 1982 acres, 1987	72 579 - - -	- - - - - -		- 1 -		1 (D)		- - -
1987 farms by acras harvested: 1 to 24 acras	12 8	107 20	144 25	(D) 169 55	82 13	157 39	112 29	96 47
100 to 249 acras	- - 577	781	- - 828	4 1 643	841	2 - 872	- - 819	3 - 783
1982 acres, 1987 1982 bushels, 1987 1982	627 107 022 109 574 3 991 260 3 536 275	862 139 225 135 875 6 162 505 5 325 461	858 103 749 102 338 5 036 510 4 198 442	713 72 201 68 067 2 943 678 2 484 422	942 133 655 140 524 5 584 073 5 166 533	969 120 801 125 373 4 940 656 4 600 447	874 105 352 111 782 4 775 850 4 235 612	902 113 656 119 347 4 448 314 4 282 323
Irrigatedfarms, 1987 1982 acres, 1987 1982	2 (D) (D)	3 1 162 (D)	-	(D)	(D)	123 (D)	-	38 30 5 260 4 006
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	47 184 200 146	50 232 317 182	77 355 311 85	103 289 182 69	56 283 355 147	57 320 363 132	66 327 337 89	85 291 274 133
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 1982 acres, 1987 1982 tons, dry, 1987 tons, dry, 1987	246 326 7 103 7 805 19 829	263 379 6 434 7 346 18 712	349 368 10 752 9 219 39 468	467 622 18 363 26 124 47 514	175 256 3 209 3 822 7 655	269 371 8 021 8 526 24 100	334 386 8 244 8 710 24 095	399 594 10 308 14 426 33 457 43 944
1982 Imgatedfarms, 1987 1982 acres, 1987	21 330 - - -	24 019 1 (D)	33 161	79 084 - - -	10 485 - - -	28 378 1 - (D)	27 460 2 1 (D)	2 6 (D)
1982	152 82 12	185 66 12	220 117 11	215 208 43 1	141 29 5	165 90 14	(D) 217 110 7	83 255 133 11

[For meaning of abbreviations and symbols	, see introduct	ory text				r—————————————————————————————————————			· · · · · · · · · · · · · · · · · · ·	
Crop			Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jefferson
Harvested cropland	acres,	1982	771 867 138 792 170 664	856 959 178 288 217 734	706 793 214 069 244 570	687 772 176 524 201 685	947 1 036 203 549 236 744	1 160 1 238 164 703 193 184	1 240 1 403 276 515 324 626	685 782 139 236
Irngated	acres,	1987 1982	2 5 (D) 45	217 734 2 2 (D) (D)	244 370 3 2 261 (D)	201 665 - 1 - (D)	236 744 2 (D)	193 (84 6 2 30 (D)	9 6 (D) (D)	159 843 4 2 (D)
Corn for grain or seed	acres,	1982 1987 1982	670 765 76 628 104 574	790 879 86 835 109 104	679 749 96 411 124 196	651 725 92 054 111 238	863 950 118 279 153 884	1 032 1 130 86 001 116 534	1 104 1 245 140 825 177 296	570 679 63 756 81 451
Irngated	farms, 1	1982 1987 1982	7 780 010 12 564 266 - -	10 708 944 10 854 823 1 2 (D)	13 484 942 15 813 697 3 1 261	11 032 148 12 682 001 - 1	14 285 398 17 707 102	9 565 228 13 723 345 - 1	18 612 791 21 054 371 5 2 (D)	6 364 526 9 023 779 -
1987 farms by acres harvested: 1 to 24 acres25 to 99 acres			124 262	(D) 108 392	(D) 45 249	(D) 41 269	106 395	(D) 222 505	(D) 152 420	121 226
100 to 249 acras 250 acras or mora Corn for sitaga or graan chop	farms,	1987	211 73 41	214 76 162	294 91 40	247 94 39	249 113 76	245 60 194	388 144 57	160 63
	acres, tons, green, t	982	72 1 525 1 771 28 369 31 461	307 3 238 7 020 49 211 100 450	70 2 202 3 360 43 395 64 883	166 1 202 6 594 14 755 86 198	149 2 018 3 836 30 584 66 990	294 4 378 6 262 65 563 103 792	184 1 941 5 671 37 067 92 389	82 1 423 1 843 15 265 29 223
Irrigated	acres,	1987 1982	-	-	=	-	-	=	-	-
1987 farms by acres harvested: 1 to 24 acres			26 12 2	127 29 6	22 13 3 2	20 17 2	51 20 4	137 51 6	29 25 2	37 18 2
Wheat for grain	acras, bushels,	1987 1982 1987 1982 1987	22 60 301 1 261 13 151	6 8 122 (D) 3 112	2 4 (D) (D) (D) (D)	8 3 79 22 3 240	12 16 111 413 6 413	40 17 542 427 23 455	5 9 65 189 2 667	33 70 1 128 1 841 29 320
Irrigated	acres,	1982	37 241 - - -	13 610 - -	(0)	680	15 035	19 155 - - -	7 308	50 816 - - -
1987 farms by acras harvested: 1 to 24 acras 25 to 99 acres 100 to 249 acres 250 acres or more			20 2 -	4 2 -	1 1 - -	8 -	12 - -	36 4 -	4 1	25 6 1
Oats for grain	acres, ; bushals, ;	1982 1987 1982 1987	127 184 1 925 2 927 90 324 123 279	378 487 9 270 12 003 505 665 584 675	106 141 2 107 2 805 123 290 194 297	200 324 4 566 9 411 222 282 685 981	393 459 9 024 10 738 457 953 506 915	642 712 14 445 15 859 847 486 738 155	389 579 8 616 13 049 477 835 737 591	171 238 3 411 4 700 144 299 193 563
Irrigated	acres,	1982	1 (D)	- - -	1 (D)	-	-	1 1 (D) (D)	(D)	- - -
1987 farms by acres harvested: 1 to 24 acres			108 19 -	241 133 3	81 25 -	140 56 4	267 122 3 1	417 218 7	266 121 2	128 41 2
Soybeans for beans	acres, bushala,	1987 1982 1987 1982 1987 1982	571 584 49 029 50 970 1 825 532 1 978 114	618 676 63 110 68 818 2 485 619 2 012 431	651 737 111 004 110 578 4 940 795 4 294 879	605 668 69 740 63 284 2 642 609 2 433 934	670 620 48 725 42 773 2 119 747 1 535 573	250 165 9 467 8 978 384 426 332 713	965 1 078 102 143 100 764 4 539 434 3 854 115	492 576 54 787 55 406 2 011 235 1 844 494
Irrigated	acres,	1982	1 (D)	(D)	1 (D)	= = =	(D)	=	1 1 (D) (D)	(D)
1987 farms by acres harvestad: 1 to 24 acres			129 277 126 39	107 305 147 59	25 203 295 128	56 254 243 52	162 354 138 16	126 107 14 3	154 421 312 78	89 207 137 59
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) _ Irrigated	acres, tons, dry,	1982 1987 1982 1987 1982	379 411 11 848 10 965 23 015 28 555	489 600 19 656 23 563 60 098 76 407	166 203 3 877 3 850 10 916 13 678	339 422 11 288 12 702 37 312 44 897	637 704 29 335 29 582 84 406 90 079	973 1 005 55 526 50 447 168 340 162 197	751 917 27 194 31 734 78 317 102 730	435 491 17 313 17 231 32 777 44 724
	acres,	1982	1 (D)	-	=	=	-	(D)	(D) (D)	1 (D)
1987 farms by acres harvested: 1 to 24 acres			209 145 25	203 246 39 1	118 44 3 1	177 145 15 2	228 360 46 3	276 522 163 12	360 345 45 1	193 204 37 1

Table 15. Selected Crops: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, saa introductory tax	t]							
Crop	Johnson	Jonas	Kaokuk	Kossuth	Lee	Linn	Louisa	Lucas
Harvasted cropland	1 178 1 329 198 971 237 902	1 023 1 176 194 982 233 147	892 1 065 198 455 229 909	1 601 1 760 459 047 537 539	882 939 149 934 167 500	1 502 1 614 242 679 286 197	571 630 130 805 154 845	568 656 77 713 94 617
Irrigated	17 3 152 5	(D) (D)	1 (D)	5 450 590	(D) (D)	16 12 (D) (D)	17 14 (D) (D)	1 (D)
Corn for grain or seed	1 020 1 160 108 975 145 747 11 784 648 17 586 784	941 1 082 115 264 152 719 13 718 597 19 351 320	828 955 109 327 138 528 13 610 959 16 229 762	1 556 1 691 212 709 273 362 30 307 429 34 888 272	707 762 67 487 84 397 6 070 069 9 785 050	1 260 1 375 124 735 157 295 15 227 689 19 259 510	537 586 72 324 94 241 7 168 836 11 895 481	400 458 28 860 38 653 2 908 261 2 941 910
Irrigatedfarms, 1987 1982 acres, 1987 1982 1982	(D)	1 (D)	=	5 5 390 590	4 - 176	2 (D)	14 8 1 765 1 277	-
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	191 441 285 103	135 396 295 115	113 326 274 115	81 645 632 198	177 311 154 65	295 571 275 119	83 188 195 71	124 188 71 17
Corn for silage or green chopfarms, 1987 1982 acras, 1987 1982 tons, green, 1987 1982	152 181 2 702 4 078 39 665 67 006	157 284 4 167 6 944 67 481 117 135	43 69 939 1 876 16 749 32 163	103 221 2 802 6 363 59 069 110 761	113 117 2 483 2 550 33 845 46 345	126 225 2 814 5 459 48 959 88 800	33 50 656 1 253 7 329 24 145	28 58 785 1 826 9 682 20 834
Irrigatedfarms, 1987 1982 acres, 1987 1982	-	- - - -	- - -	- - -	(D)	1 (D)	- - -	=
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	127 23 2	108 41 6 2	34 7 2	69 30 4	78 34 1	92 29 4 1	28 3 2	16 10 2
Wheat for grain	18 26 369 694 17 322 26 907	13 13 196 992 5 020 23 768	29 48 616 1 056 25 108 36 927	4 6 54 193 2 260 3 490	119 243 1 807 5 578 69 203 142 196	28 18 368 688 12 916 24 470	24 31 716 1 184 28 483 38 956	2 11 (D) 673 (D) 19 750
Irrigatedfarms, 1987 1982 acres, 1987 1982_	-	25 766		- - -		- - - -	2 2 (D) (D)	
1987 farms by acres harvasted: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	11 7 - -	12	23 5 1	4	103 14 2	24 4 - -	11 11 2	1 1
Oats for grain	465 525 10 945 11 437 570 480 554 889	428 517 9 551 11 425 549 614 544 213	224 304 4 281 6 244 200 473 281 493	267 424 4 886 6 916 297 649 478 535	107 131 1 712 1 897 64 373 74 623	489 559 9 449 11 367 512 429 501 366	83 115 1 120 2 208 54 386 101 602	89 133 1 837 2 782 71 585 94 297
1982 acres, 1987 1982	(D)		-	=	-	(D)	1 (D)	(D)
1987 farms by acras harvested: 1 to 24 acras 25 to 99 acras 100 to 249 acras 250 acras or mora		298 124 6	168 55 1	229 35 2	88 18 1	368 118 3	76 7 - -	61 28 - -
Soybeans for beans farms, 1987		527 508 40 219 37 353 1 763 211 1 519 228	709 718 64 470 62 613 2 684 142 2 367 841	1 489 1 605 233 034 242 744 10 015 719 9 106 277	648 706 60 580 60 020 1 831 319 2 247 209 2	946 1 030 81 631 93 015 3 458 797 3 545 750	451 462 50 482 51 568 1 772 175 1 986 002	298 364 19 978 23 885 715 510 651 139
1982 acres, 1987 1982	(D)	(D)	- - -	(D)	(D)	1 (D)	10 787 1 170	- - -
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	196 330 146 33	122 274 110 21	149 318 201 41	65 509 678 237	139 286 172 51	230 435 214 67	63 191 153 44	111 120 56 11
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, atc. (see taxt)farms, 1987 acras, 1987 1982 tons, dry, 1987 Jrrigatedfarms, 1987	726 829 27 387 26 493 78 049 79 042	653 714 30 056 27 093 91 030 85 269	503 647 22 121 23 152 54 874 66 596	414 523 10 445 10 791 32 328 35 229	546 548 18 627 16 460 39 578 45 195	861 830 26 646 21 809 73 686 65 853	236 249 7 023 6 126 16 495 16 209	457 545 27 877 28 711 66 759 69 494
irrigated	=	-	= =	(D)	(D)	(D)	2 1 (D) (D)	-
1987 farms by acres harvasted: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	361	261 317 68 7	214 248 35 6	264 136 14	283 235 27 1	504 314 40 3	136 89 11 -	139 234 74 10

[For meaning of abbreviations and symbols, see introductory text	1		1					
Сгор	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Harvested cropland	1 078 1 239 249 352 294 295	904 993 137 088 162 609	1 052 1 122 211 100 237 089	972 1 069 154 503 170 985	929 1 060 217 817	577 623 169 179	818 913 192 403	783 859 242 081
Imgatedfarms, 1987 1982 982 acres, 1987 1982	16 14 1 339 1 118	102 009 5 (D)	3 2 (D) (D)	170 985 10 5 74 64	265 098 7 8 (D) 10	194 842 4 6 771 1 845	226 560 7 3 828 (D)	282 767 90 73 25 152 22 010
Corn for grain or seed	1 016 1 185 117 416 149 090 13 619 698	698 761 58 576 71 220 6 955 682	954 1 030 107 872 127 705 14 344 045	801 868 70 865 81 644 8 764 911	833 961 121 035 155 054 16 830 774	513 526 80 324 94 974 9 796 784	763 842 96 111 117 903 11 770 471	738 778 127 574 155 575 15 077 846
1982 Irrigatedfarms, 1987 982 acres, 1987 1982	15 102 970 12 8 1 038 655	6 706 904 - - - -	14 086 859 - 1 - (D)	8 138 926 - - - -	18 972 614 - 1 (D)	9 143 749 3 6 470 905	13 667 001 2 2 (D) (D)	16 765 786 84 67 17 551 (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	51 459 436 70	181 319 158 40	157 401 300 96	227 323 208 43	117 319 246 151	64 176 186 87	99 301 280 83	82 256 231 169
Corn for silage or green chopfarms, 1987 1982 acres, 1987 1982 tons, green, 1987	184 477 5 684 13 956 79 413	32 95 1 182 3 625 14 559	84 169 2 178 4 296 29 372	37 107 1 039 2 706 15 062	38 111 1 467 2 924 26 764	9 55 388 2 982 8 465	168 286 4 915 8 317 68 515	60 139 2 084 7 287 31 127
1982 Irrigatedfarms, 1987 1982 acres, 1987 1982	182 893 2 3 (D) 85	42 160 - - -	75 005 - - - -	41 215	52 094 - 1 - (D)	39 873	130 570	108 981 - 2 - (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	113 58 11 2	24 4 3	60 22 1	23 11 3	24 9 4	4 3 2	98 63 6	34 24 1
Wheat for grain	5 13 53 383 2 250	4 37 120 1 299 5 045	6 9 94 105 3 615	16 35 235 915 7 450	10 6 140 76 5 938	29 73 673 3 109 22 119	23 15 338 530 12 084	34 66 1 151 5 265 38 895
1982_ Irrigated	13 907 - - - - -	31 703 - - -	2 802 - - - -	28 174 - - - -	4 290 - - - -	87 181 - - -	16 454	150 032 1 1 (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	5	3 1 - -	4 2 -	15 1 - -	8 2 - -	19 10 - -	19 4 -	17 15 2
Oats for grainfarms, 1987 1982 acres, 1987 1982 bushels, 1987 1982	369 611 8 074 17 431 566 384 1 354 138	142 237 3 048 4 654 153 495 201 418	318 487 6 110 9 147 337 828 454 832	246 326 4 948 6 855 248 410 314 512	197 307 3 631 6 704 184 055 369 757	52 104 1 210 2 212 55 791 101 253	321 440 7 833 11 016 476 743 570 060	128 220 4 556 7 226 214 139 486 380
Irrigatedfarms, 1987 1982 acres, 1987 1982	- 2 - (D)	= =	- - -	2 - (D)	- - -	- - -	(D)	(D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	267 100 2	109 30 2 1	242 75 1 -	187 57 2 -	152 44 1 -	32 20 -	205 113 3	71 49 7 1
Soybeans for beansfarms, 1987 1982 acres, 1987 1982 bushels, 1987 1982	939 1 038 105 550 100 781 4 264 389 3 672 931	583 678 51 363 55 647 2 104 554 1 772 094	858 897 79 429 77 354 3 294 041 2 945 590	688 749 58 702 55 091 2 435 855 1 878 454	744 809 81 281 88 522 3 909 328 3 434 854	487 505 80 845 85 552 2 992 822 2 894 094	664 724 72 951 78 877 3 024 302 2 656 646	630 649 97 936 99 942 3 594 035 3 612 148
Irngatedfarms, 1987 1982 acres, 1987 1982	3 7 210 287	= =	(D)	(D)	=	(D) 790	(D)	46 33 7 140 6 187
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	79 433 362 65	140 265 138 40	149 398 267 44	168 303 181 36	131 318 214 81	62 141 172 112	91 290 222 61	104 224 170 132
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 1982 acres, 1987 1982 tons, dry, 1987 1982 tons, dry, 1987 1982	580 668 17 502 16 135 56 854	666 734 26 569 28 233 72 773	587 698 18 691 22 334 55 259	598 749 21 952 28 030 56 969	445 549 13 025 13 745 37 663	208 315 6 228 7 560 16 896	377 434 13 931 12 636 35 040	288 349 8 834 9 459 25 860 29 054
1982 Irrigated	53 230 2 3 (D) 75	83 053 1 (D)	77 092	86 594 4 - 48	46 277 - - -	22 518	37 075 - - -	29 054 1 (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	345 207 27	308 300 54 4	301 263 22	312 239 43 4	273 154 18	131 64 13	184 166 25 2	161 117 9

Table 15. Selected Crops: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introd	uctory text]	i							
Crop		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Harvested croplandfarm	s, 1987 1982 s, 1987 1982	634 667 75 582 87 094	627 689 160 388 181 743	801 899 153 624 176 723	1 104 1 200 269 638 311 705	676 758 178 191 213 158	908 961 202 414 221 793	867 956 251 951 300 211	1 545 1 691 359 863 409 614
Irrigatedfarm		2 (D)	2 1 (D)	35 26 (D) (D)	4 4 8 (D)	11 13 (D) 1 743	7 2 1 928 (D)	29 22 (D) 3 734	13 17 (D) 2 987
	s, 1987 1982 s, 1987 1982 s, 1987 1982	447 481 26 349 32 211 2 665 907 2 527 481	575 592 73 645 84 492 8 730 435 7 856 659	684 796 81 722 104 558 7 955 200 12 902 533	1 056 1 138 124 897 155 057 16 222 003 17 144 500	616 720 77 922 102 719 10 347 932 11 764 594	812 818 84 480 94 960 9 291 092 8 257 952	838 918 118 241 154 733 15 586 249 18 779 488	1 452 1 575 188 164 226 503 20 983 864 23 682 167
Irrigatedfarm			7 030 033	14 10 995 847	-	9 10 895 999	(D)	27 22 4 254 (D)	11 14 1 336 2 255
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		170 184 85 8	71 217 214 73	115 280 198 91	72 459 433 92	31 290 244 51	121 363 266 62	63 302 348 125	118 618 540 176
Corn for silage or green chopfarm acre tons, gree	1982 s, 1987 1982 n, 1987	38 107 1 051 3 048 14 055	19 102 676 4 097 14 247	67 115 1 847 3 234 25 777	67 256 2 155 9 506 40 008	49 148 1 573 5 017 24 093	36 100 1 086 2 996 16 124	38 121 1 024 4 312 16 011	118 401 2 886 12 818 41 879
Irrigatedfarm	1982 Is, 1987 1982 Is, 1987 1982	33 725 - - - -	65 813 - - - -	56 928 - - - -	141 974 - 1 - (D)	85 136 - - - -	42 325 - - - - -	67 990 - 1 (D)	171 286 - - - -
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		23 13 2	9 9 1 -	42 23 2	48 15 3	37 8 2 2	20 15 1 -	22 15 1	75 41 2 -
	is, 1987 1982 is, 1987 1982 is, 1987 1982	6 16 104 248 4 095 6 595	12 70 482 2 497 17 674 66 229	28 26 737 1 039 27 926 40 239	3 4 34 160 1 560 6 080	5 9 158 243 4 079 8 069	64 154 1 626 5 557 57 610 134 320	1 (D) 65 (D) 2 644	19 16 325 732 14 129 26 028
Irrigatedtarmtarmacre		-		40 239 - 2 - (D)		-	-	-	1 (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		4 2 - -	10 1 - 1	21 6 1	3 -	3 2 - -	37 25 2	t - -	16 2 1 -
bushe	1982 es, 1987 1982 Is, 1987 1982	83 116 1 457 2 226 62 381 75 721	96 167 1 866 3 631 91 878 158 943	204 252 4 275 5 032 224 208 294 363	283 377 4 530 7 357 346 987 567 640	157 293 2 702 6 484 195 555 515 169	136 226 2 540 4 973 107 537 197 745	156 239 3 157 5 071 197 644 346 962	563 908 16 054 29 494 1 058 772 2 209 116
Irrigatedfarm	1987 1982 es, 1987 1982	-	-	(D)	-	1 (D)	=	= =	=
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		63 19 1	68 27 1	156 44 4	249 33 1	131 26 - -	105 30 1 -	108 47 1	351 195 15 2
bushe	1982 es, 1987 1982 ls, 1987 1982	333 381 19 212 22 490 705 634 555 787	532 564 72 597 74 660 2 646 499 2 353 467	556 582 54 102 52 162 1 986 587 1 975 763 1975 769	999 1 092 132 665 133 676 5 610 722 4 586 410	624 708 91 774 93 454 3 803 501 3 395 507	785 823 94 261 92 283 3 335 358 2 774 462	802 874 126 240 132 729 5 266 410 4 951 144	1 287 1 300 137 600 122 453 5 594 158 4 685 018
Irrigatedfarn	1982 1987 es, 1987 1982	-	-	12 1 045 876	(D)	7 235 528	=	3 436 92	5 358 611
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		102 177 46 8	62 173 217 80	97 271 153 35	39 393 461 106	20 250 263 91	106 298 290 91	47 257 371 127	125 602 474 86
tons, d	1982 9s, 1987 1982 ry, 1987 1982	519 545 28 990 29 595 71 972 74 201	368 426 13 303 14 401 36 280 40 060	393 425 12 153 11 696 31 220 39 881	346 415 8 570 8 194 26 522 27 528	259 313 5 878 6 580 16 170 21 142	549 659 19 137 21 815 49 756 58 694	216 281 5 134 6 048 15 890 21 068	711 860 21 453 21 080 71 173 71 208
Irrigatedfarr	1987 1982 9s, 1987 1982	- - -	- - -	(D)	-	2 (D)	(D)	1 (D)	2 - (D)
1987 farms by acres harvested 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more		158 276 77 8	171 177 19 1	221 154 17 1	237 98 11	189 64 6	264 258 26 1	148 63 5 -	423 255 30 3

[For meaning of abbreviations and symbols, see introductory tex	t]		1	1				
Сгор	Pocahontes	Polk	Pottawattamie	Poweahlek	Ringgold	Sac	Scott	Shelby
Harvasted croplandfarms, 1987	929 1 045 265 872	841 980 189 388	1 429 1 617 379 836	904 1 029 211 734	592 702 119 721	945 1 044 258 981	862 971 166 611	1 035 1 185 244 602
1982 Irrigatedfarms, 1987 1982 acres, 1987	317 426 4 1 (D)	195 910 12 5 (D)	432 730 18 13 1 984 1 302	252 702 3 1 (D)	158 664 2 - (D)	301 639 8 5 707	201 814 17 15 202	283 975 3 - (D)
1982 Corn for grain or seed	910 1 002 118 510	653 724 80 518	1 287 1 401 190 703	818 917 100 151	482 524 40 969	791 897 964 119 558	(D) 763 878 111 372	984 1 130 132 411
1982	157 764 15 779 661 19 706 823 2	100 893 11 274 889 11 940 107	231 146 25 187 379 25 299 252 6	129 984 12 586 370 15 053 738	51 306 4 248 023 3 927 821	149 270 15 021 139 16 488 523 6	148 128 13 407 266 19 310 273	163 575 16 173 496 18 089 977
1982 ecras, 1987 1982 1987 farms by acras harvasted:	(D) (D)	(D) -	1 785 (D)	(D)	=	621 (D)	-	=
1 to 24 acres	66 369 380 95	150 264 148 91	143 443 490 211	97 345 272 104	108 231 114 29	62 382 344 109	81 305 257 120	55 380 427 122
Corn for silege or green chopfarms, 1987_ 1982_ acres, 1987_ 1982_	3 317	18 46 498 1 603	85 273 2 859 10 240	62 113 1 394 2 865	46 90 990 3 165	54 194 2 928 10 899	70 133 1 969 4 050	50 197 2 044 7 505
tons, graan, 1987 1982 Irrigatad	47 768 55 182 -	6 477 21 402 - -	47 725 160 630 - 2	23 086 47 125 - -	13 037 39 617 -	39 347 184 142 - -	31 431 70 737 - -	28 816 120 902 - -
1982 1982 1987 farms by acras harvested: 1 to 24 acras 25 to 99 acras	16	12	(D) 50 28	47 12	30	28 19	45	30
100 to 249 acres	-	1 - 4	7 -	3 - 6	- - 10	5 2 3	6	2 2 4
1982 acres, 1987 1982 bushals, 1987 1982	(D) (D)	21 107 786 3 940 22 448	115 1 516 3 845 54 434 141 885	5 164 81 8 820 4 180	48 437 2 010 12 789 37 916	15 64 782 3 150 32 803	8 109 110 5 604 3 780	17 58 768 2 710 29 845
Irrigatedfarms, 1987 1982 acras, 1987 1982_	-	-			-	- - -	-	-
1987 ferms by acres harvested: 1 to 24 acres		2 2 -	24 17 1	2 4 - -	5 3 2	2 1	4 2 -	3 1 -
Oets for grain	121 220 2 024 4 245 125 628 301 329	88 143 1 600 2 742 87 155 142 333	300 450 7 231 11 918 451 766 711 435	367 518 9 532 13 759 464 644 738 063	98 121 2 560 3 735 90 507 110 629	237 393 5 983 9 499 362 676 689 114	263 336 4 480 6 042 293 480 385 075	380 593 8 645 15 110 476 387 986 603
Irrigeted	(D)		711 435	738 003 1 - (D)		1 (D)		
1987 farms by acras harvested: 1 to 24 ecres 25 to 99 acres 100 to 249 acres 250 acres or mora	. 1	67 21 - -	207 89 3 1	216 144 7	61 36 - 1	149 83 5	215 45 3	258 119 3
Soybeans for beans	142 055 149 489	608 694 79 880 82 108 3 515 595 3 123 411	1 126 1 215 159 046 157 244 6 246 430 5 813 859	731 811 76 368 77 013 3 315 883 2 888 838	439 531 42 819 54 693 1 460 253 1 415 334	867 905 117 882 117 232 4 875 822 4 354 795	603 534 38 786 35 178 1 761 863 1 509 739	881 944 90 028 82 038 3 630 359 3 130 415
Irrigatedfarms, 1987_ 1982_ acres, 1987_ 1982_	. (D)	-	2 3 (D) 185	=	=	3 3 50 (D)	-	(D)
1987 ferms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	. 277 394	119 241 153 95	122 417 422 165	127 308 231 65	93 203 105 38	56 345 353 113	158 311 122 12	80 431 322 48
Hey-alfalfa, other tame, small grain, wild, grass silage, graan chop, atc. (see text)farms, 1987 1982 ecres, 1987 1982 tons, dry, 1987	302 4 570 4 914 13 757	302 407 7 553 8 823 22 959	714 876 22 980 23 570 66 760	616 748 28 433 33 379 89 007	451 570 35 333 45 550 83 083	354 485 13 399 14 470 43 069	424 436 11 494 10 360 33 782 37 484	510 648 14 859 16 902 42 633 56 093
1982. Irrigatedfarms, 1987. 1982. acres, 1987. 1982.	15 738	27 414 - - -	78 235 - - -	110 461 - - -	119 603	50 240 1 1 (D) (D)	37 484 - - -	56 093 - - -
1987 farms by acres hervested: 1 to 24 acres 25 to 99 ecres 100 to 249 acres 250 acres or more	. 152 . 36 . 10	210 78 14	418 257 33 6	207 351 54 4	87 250 97 17	194 126 31 3	262 144 18	297 189 23 1

[For meaning of abbreviations and symbols, see introductory text]							
Сгор	Sioux	Story	Tame	Taylor	Union	Van Buran	Wapello	Warren
Harvastad croplandfarms, 1987 1982 acres, 1987 1982	1 667 1 816 352 858 406 510	1 001 1 113 242 426 289 259	1 238 1 350 274 884 309 403	690 800 141 043 165 144	597 683 101 216 121 953	699 801 108 140 132 063	788 862 116 921 131 029	1 104 1 188 155 858 181 270
Irrigatedfarms, 1987 1982 acras, 1987 1982	58 57 (D) (D)	14 6 (D) 204	5 (D) (D)	2 (D)	2 2 (D) (D)	1 (D)	2 1 (D) (D)	7 4 57 (D)
Corn for grain or saed	1 561 1 689 194 424 226 736 22 031 184 23 940 261 54	885 986 116 748 152 049 16 455 650 19 136 567	1 137 1 228 146 615 173 412 19 327 395 20 382 661	581 653 55 044 64 316 5 868 957 4 986 346	473 521 40 799 49 811 4 545 259 4 211 312	553 652 41 462 58 885 4 100 414 5 885 896	511 628 49 900 60 887 5 287 674 6 668 944	793 847 69 880 84 363 8 380 487 8 010 793
1982 acras, 1987 1982	53 7 716 6 848	1 (D) (D)	-	1 (D)	=	- - -	-	(D) (D)
1987 farms by acras harvested: 1 to 24 acras 25 to 99 acras 100 to 249 acras 250 acras or more	142 665 584 170	130 348 280 127	156 471 359 151	124 277 139 41	131 191 122 29	193 223 107 30	148 192 125 46	250 308 173 62
Corn for silaga or green chop	283 717 10 802 29 273 145 896 427 622	35 93 1 235 2 986 22 164 54 193	61 157 1 346 3 948 26 189 61 966	16 63 390 1 941 4 300 24 389	22 72 603 2 454 6 844 30 471	83 106 1 667 2 231 20 150 27 280	33 47 869 1 205 12 466 19 729	50 102 1 309 5 584 22 129 58 817
Irrigatedfarms, 1987 1982 acras, 1987 1982	2 9 (D) 341	-	-	=	= =	- - -	- - -	- - -
1987 farms by acras harvested: 1 to 24 acras 25 to 99 acras 100 to 249 acras 250 acras or mora	142 114 25 2	21 12 1 1	41 19 1 -	12 3 1 -	17 3 2	55 28 - -	20 13 - -	38 10 1 1
Wheat for grainfarms, 1987 1982 acres, 1987 1982 bushels, 1987 1982	7 10 231 472 9 820 17 517	7 8 128 144 5 419 5 255	10 11 240 393 9 760 8 558	27 107 576 4 358 24 097 89 988	10 42 268 1 881 7 953 58 912	40 132 554 3 629 18 220 93 388	6 30 59 1 178 1 170 38 707	9 41 207 1 402 8 579 36 837
Irrigatedfarms, 1987 1982 acres, 1987 1982	1 - (D)	-	-	-	- - -	- - -	-	-
1987 farms by acras harvested: 1 to 24 acras 25 to 99 acras 100 to 249 acras 250 acras or more	3 4 - -	5 2 - -	7 3 - -	19 8 - -	5 5 - -	34 6 - -	6 - - -	7 2 -
Oats for grainfarms, 1987 1982 acres, 1987 1982 bushels, 1987 1982 Irrigatadtarms, 1987	479 836 10 947 23 997 744 073 1 818 046	90 172 1 527 2 902 86 951 160 239	347 547 6 465 10 857 313 356 565 438	120 190 2 737 4 415 104 925 146 753	139 239 3 301 6 178 137 330 228 631	122 167 2 046 2 706 72 429 83 733	98 124 1 651 1 990 68 796 80 535	167 245 2 972 4 425 125 358 181 085
1982 acras, 1987 1982	(D) (D)	(D)	-	-	= =	-	-	-
1997 farms by acras narvastad: 1 to 24 acras 25 to 69 acras 100 to 249 acras 250 acras or mora	335 139 5	73 17 - -	267 77 3 -	82 36 2 -	89 47 3 -	96 26 - -	78 20 - -	126 40 1 -
Soybeans for beansferms, 1987 1982 acres, 1987 1982 bushels, 1987 1982 Irrigetedfarms, 1987	1 339 1 295 118 683 109 644 5 156 590 4 191 548	848 926 117 965 125 147 5 334 137 4 800 904	989 1 072 100 936 100 989 4 631 128 3 752 509	560 661 59 816 63 893 1 976 558 1 696 764	425 472 32 681 33 724 1 230 031 940 801	505 540 40 843 44 727 1 388 369 1 410 581	470 533 46 721 47 582 1 800 536 1 571 269	640 733 53 371 57 448 2 100 582 1 762 082
1982 acras, 1987 1982	748 748 1 445	1 (D) (D)	-	Ξ	=	- - -	- -	1 _ (D)
1987 farms by acres hervested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	211 704 357 67	97 328 294 129	152 433 349 55	115 242 150 53	109 189 110 17	140 230 102 33	107 193 130 40	170 289 137 44
Hay-alfalfe, other tame, small grain, wild, grass silage, green chop, etc. (see taxt)farms, 1987 1982 acres, 1987 1982 tons, dry, 1987 1982 Irrigatedfarms, 1987 farms, 1987 1988	683 823 23 295 21 834 77 068 72 720	283 355 6 859 6 452 18 019 21 057	671 771 23 868 23 713 73 682 71 984	467 578 24 517 29 373 55 475 74 913	457 513 25 540 30 311 65 941 86 629	537 580 23 500 22 807 47 206 53 577	535 544 19 928 20 382 45 976 54 045	791 842 30 959 29 786 83 102 84 024
1982 ecres, 1987 1982	9 111 276	(D)	(D)	1 (D)	= =	-	[-	(D) -
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	354 286 43	200 73 10	323 311 35 2	157 245 61 4	168 219 65 5	228 257 48 4	272 230 29 4	390 336 60 5

[For meaning of abbreviations and symbols, see introductory text						1		
Сгор	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Harvested cropland farms, 1987. 1982. acres, 1987.	1 024 1 098 206 315	630 731 114 904	1 140 1 251 312 048	686 774 177 414	1 422 1 562 219 642	1 162 1 377 278 373	592 714 157 665	832 950 260 638
1982 Irngated	247 227 7 5 48	152 831	363 632 4 4 (D)	211 136 2 2 (D)	262 028 2 3 (D)	359 752 25 28 4 930	199 142 3 6 (D)	319 992 4 2 (D)
1982 Corn for grain or seed	(D) 932 1 018 116 371 153 099 13 290 292	(D) 505 557 43 055 60 140 4 557 377	(D) 1 048 1 140 138 143 182 890 19 331 951	(D) 640 711 87 427 112 432 11 820 656	(D) 1 290 1 425 103 614 132 345 13 335 146	8 372 1 020 1 178 162 688 214 962 18 991 273	399 552 669 77 320 104 574 10 020 057	(D) 798 903 119 346 163 690 16 476 936
1982 Irrigatedfarms, 1987 1982 acres, 1987 1982	19 016 996 3 1 28 (D)	4 554 293 - - - -	23 057 388 1 1 (D) (D)	13 198 676 - 1 - (D)	13 478 416 1 2 (D) (D)	22 589 745 20 24 3 564 4 883	12 557 015 2 3 (D) 390	20 396 041 2 - (D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	117 396 305 114	138 221 117 29	105 433 389 121	51 271 226 92	262 667 312 49	111 342 381 186	74 189 199 90	55 286 334 123
Corn for silage or green chop	78 119 1 618 2 939 25 914 52 029	21 73 470 2 682 5 980 27 501	30 65 773 2 080 12 501 31 346	46 76 1 128 1 929 14 700 33 719	424 748 8 486 18 219 139 809 275 071	70 260 2 798 9 238 42 136 133 500	65 100 1 372 2 200 23 135 35 263	18 51 761 2 221 16 792 41 125
Irrigatedfarms, 1987_ 1982_ acres, 1987_ 1982_ 1982_	-	- - -	- - -	- - -	- - -	-	- - -	- - -
1987 farms by acras harvested: 1 to 24 acras 25 to 99 acres 100 to 249 acres 250 acres or more	57 20 1	14 7 - -	20 9 1 -	35 9 2 -	336 84 2 2	33 32 3 2	50 14 - 1	10 7 - 1
Wheat for grain	47 52 876 1 218 36 235	19 42 343 1 372 11 688	3 (D) (D) 2 650	2 (D) (D) (D)	6 10 79 259 4 030	16 14 697 1 002 20 137	73	2 (D) (D) (D) (D)
1982 Irrigatedfarms, 1987 1982 acres, 1987 1982	47 571 2 (D)	37 681 - - - -	(D) - -	(D) - - - -	7 760 - - - -	32 224	2 920	(D) - - -
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	40 7 -	15 4 - -	2 1 -	1 1 -	4 2 -	9 5 1 1	-	1 1
Oats for grain	327 359 6 212 6 944 295 085 324 488	81 139 1 625 3 451 57 353 92 822	93 166 1 798 3 441 104 881 214 039	157 244 2 860 4 389 186 347 266 192	853 1 057 20 576 26 005 1 217 857 1 341 908	282 493 9 046 18 807 495 502 1 372 094	146 262 2 758 5 063 160 748 297 258	88 129 1 546 2 350 94 034 145 496
1982 acres, 1987 1982	- - -	1 (D)	- -	=	- -	(D)	-	- -
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	257 69 1	60 21 - -	70 21 2	125 32 - -	537 309 7	137 136 9	118 27 1 -	65 23 - -
Soybeans for beans	769 756 66 723 68 946 2 818 021 2 799 350	426 502 38 334 47 368 1 378 703 1 194 036	1 039 1 111 170 666 172 392 7 272 652 6 747 605	581 656 82 268 88 800 3 070 284 3 036 708	411 378 18 580 16 997 773 018 531 735	763 811 86 671 98 143 3 358 177 3 601 675	517 592 72 543 82 707 2 918 118 2 849 302	777 873 137 106 148 818 5 631 282 5 681 381
1982 acres, 1987 1982	(D)	1 (D)	-	1 - (D)	- - -	, 13 1 098 3 039	-	(D)
1987 farms by acres harvested: 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	160 350 225 34	103 183 112 28	76 337 409 217	48 213 230 90	168 198 41 4	122 352 202 87	65 169 204 79	46 212 345 174
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 1982 acres, 1987 1982 tons, dry, 1987 1982 1987 1982	514 576 17 874 17 058 41 048 51 137	485 590 34 854 41 887 77 469 96 287	244 320 4 356 5 516 11 473 17 637	214 238 6 010 4 812 19 682 14 615	1 220 1 361 76 101 75 939 249 750 244 011	510 653 17 814 19 332 48 432 59 672	238 294 6 256 6 796 16 825 24 052	150 215 3 084 3 768 8 788 13 855
Irrigated farms, 1987_ 1982_ acres, 1987_ 1982_		1 (D)		-	1 (D)	-	2 (D)	-
1987 farms by acres harvested 1 to 24 acres 25 to 99 acres 100 to 249 acres 250 acres or more	252 240 21 1	102 269 100 14	195 46 3	129 77 6 2	267 712 227 14	284 193 28 5	160 71 5 2	112 35 3

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982

[Data for 1987 include abnormal farms. For meaning of abbrev	iations and symbols,	see introductory tex	t]	,			
ltem	lowa	Adair	Adams	Allamakee	Appanoosa	Audubon	Banton
FARMS AND LAND IN FARMS							
Land in farms farms, 1987_ 1982_ acres, 1987_ 1982_ Avarage size of farmacres, 1987.	93 512 30 158 199 31 386 294	772 896 337 350 342 576 437	517 598 226 101 242 078 437	866 947 298 040 333 375 344	511 514 205 638 200 535 402	706 794 258 073 278 404 366	1 180 1 321 407 168 430 788 345
1982_	336	382	405	352	390	351	326
Value of land and buildings1: Avaraga per farmdollars, 1987. Avaraga per acradollars, 1987. 1982. 1982.	_ 559 108 _ 942	291 322 431 132 651 1 095	212 670 352 017 504 927	206 909 370 729 649 1 073	196 717 300 965 460 811	338 694 505 863 880 1 451	373 663 686 117 1 112 2 134
Total cropland	- 89 784 - 26 339 403 - 26 875 103 - 77 374	737 885 286 228 283 039 723 857	495 580 178 635 195 630 486 571	829 916 185 958 201 434 808 912	497 502 153 295 146 573 476 493	665 765 228 317 239 980 641 749	1 134 1 274 368 797 379 796 1 120 1 259
acras, 1987_ 1982_	. 20 043 833	192 059 213 017	111 956 138 842	136 070 166 917	84 853 87 052	170 211 205 625	297 183 348 055
Imigatad land farms, 1987_ 1982_ acres, 1987_ 1982_	_ 558 _ 91 190	4 2 204 (D)	1 (D)	- 2 - (D)	1 1 (D) (D)	2 (D)	4 1 (D) (D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD							
Total sales (see text) \$1,000, 1987 1982 1982 Average per farm dollars, 1987 1982 1982	9 733 562 106 945	70 150 70 272 90 867 78 429	39 149 46 700 75 723 78 093	76 578 77 315 88 427 81 642	24 113 21 705 47 187 42 228	79 590 92 160 112 734 116 070	139 932 137 030 118 586 103 732
1987 sales by commodity or commodity group: Crops, including nursery and greenhouse crops	71_997	679	450	579	378	614	1 082
\$1,000_ Grainsfarms_		30 591 677	16 110	9 981 549	8 769 360	29 079	59 193 1 072
\$1,000 Com for grain\$1,000 \$1,000 Wheat\$1,000	3 524 735 64 517 1 939 575 1 076	30 086 597 16 349	15 855 374 8 387 14 (D)	8 987 482 7 942 1 (D)	7 894 290 3 813 5 (D)	28 732 527 15 414 5 (D)	58 569 983 30 178
Soybeansfarms. \$1,000_	_ 62 486	(D) 817 13 429	417 7 351	113 710	321 4 053	562 12 974	29 1 003 27 874
Sorghum for grain	- 74 1 - 111 1 - 10 908 - 18 893 - 630	- - 115 183 6 (D)	3 (D) - - 58 79 - -	- 3 (D) 165 287 15 (D)	- - - 26 19 1 (D)	- - - 117 236 5 (D)	258 445 5
Cotton and cottonseedfarms_ \$1,000_	-	-	-	- -	-	-	-
Tobacco farms. \$1,000 Hay, silage, and fiald seeds farms. \$1,000 Vegatables, sweet com, and malons farms. \$1,000	10 237 43 012 359	95 500 1 (D)	- 69 255 -	160 821 5 28	97 362 -	106 (D) 1 (D)	148 523 11 34
Fruits, nuts, and bernies farms_ \$1,000_	2 499	1 (D)	-	3 (D)	4 (D)	_	4 (D)
Nursery and greenhouse cropsfarms. \$1,000 Other crops\$1,000.	_ 37 870 _ 65	(D) (D)	:	(D)	(D)	- - -	(D) 2 (D) 3 (D)
Livestock, poultry, and their productsfarms_ \$1,000_		664 38 558	430 23 038	826 66 597	456 15 344	537 50 511	874 80 739
Poultry and poultry products	2 720 191 697 6 928	28 24 27 (D)	14 22 8 (D)	13 (D) 431 29 608	10 4 24 680	32 (D) 13 (D)	35 2 456 55 3 203
Cattle and calves farms \$1,000 Hogs and pigs farms	2 094 924 35 888	593 21 839 368	389 13 291 215	769 18 824 402	440 11 207 121	377 25 449 341 23 714	595 40 561 542 33 615
\$1,000 Sheep, lambs, and wool	_ 6 250	18 381 56 196	9 278 29 210	17 870 62 82	3 155 69 274	23 /14 50 254	129 859
Other livestock and livestock products (see taxt)farms_	1 828	13 (D)	10 (D)	17	13	16 80	19 47

Sea footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

Data for 1987 include abnormal farms. For me	earing of abbreviation	ons and aymbols, s	see introductory tex	at J	1			
item		Black Hawk	Boona	Bremer	Buchanan	Buana Vista	Butler	Celhoun
FARMS AND LAND IN FARMS								
Land in farms	tarms, 1987	959	797	849	1 095	973	1 065	885
	1982 acres, 1987	1 036 295 689	921 324 369	999 223 2 8 6	1 154 326 683	1 079 353 592	1 214 320 425	1 019 336 463
Average size of farm	1982	296 198 308 286	322 419 407 350	239 532 263 240	324 812 298 281	355 934 363 330	327 486 301 270	346 637 389 340
Value of land and buildings1: Averaga per farm	dollars, 1987	320 545	476 897	314 266	326 909	393 930	273 482	481 295
Average per acre	1982	679 347 1 073 2 374	748 059 1 117 2 186	472 588 1 122 2 003	547 843 1 056 1 945	662 404 1 099 1 927	495 062 908 1 883	708 898 1 210 2 197
Total cropland	ferms, 1987	902	773	803	1 051	819	996	837 988
	1982 acres, 1987	983 272 573	895 295 737	963 203 943	1 112 300 221	1 031 326 705	1 155 290 337	318 932
Harvested cropland	1982 farms, 1987	286 305 897	286 721 766	212 181 791	291 593 1 037	322 520 913	291 541 978	319 517 833
	1982 acres, 1987 1982	976 218 651 250 440	885 241 433 270 676	950 164 341 196 042	1 104 231 920 270 457	1 030 261 609 306 549	1 134 226 309 270 074	981 260 999 304 583
Irrigated land	farms, 1987 1982	11	4 3	5 5	4	3 2	2 2	4 2
	acres, 1987 1982	(D) (D)	(D) (D)	203 282	(D)	(D) (D)	(D) (D)	(D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								!
Total sales (see text)	\$1,000, 1987 1982	98 757 101 732	90 366 101 891	73 898 79 481	108 087 111 658	131 694 135 848	104 363 109 437	97 636 115 357
Average per farm		102 979 98 197	113 383 110 739	87 159 79 561	98 710 96 757	135 348 125 902	97 993 90 146	112 874 113 206
1987 sales by commodity or commodity								
group: Crops, including nursery and greenhouse	forms	877	750	738	953	900	956	827
crops	\$1,000	49 308	53 543	30 573	45 847	50 050	42 869	57 399
Grains	farms \$1,000	859 46 739	747 51 851	732 30 061	945 45 310	899 49 832	948 42 041	826 57 180
Corn for grain		813 27 954	703 26 138	684 19 113	849	828 24 076	878 24 403	783 26 243
Wheat	farms	3	20 130 9 (D)	(D)	8	3 (D)	6	(D)
Soybeans	\$1,000 farms \$1,000	(D) 779 18 581	720 25 477	624 10 668	811	871 25 546	879 17 366	807 30 724
Sorghum for grain	farms	-	_1	-	-	_	_	-
Barley	\$1,000 farms	_	(D)	-] :	2	_]
Oats	\$1,000 farms	102	88	134		(D) 94	180	72
Other grains		157 10	169 6	188	10	143	249	171 3
	\$1,000	(D)	47	(D)	80	38	7	(D)
Cotton and cottonseed	\$1,000	-	-] :	=	_	-	=
Tobacco	farms \$1,000	-	<u>-</u>] =	-			Ī
Hay, silage, and field seeds	farms \$1,000	113 395	77 301	125 429	322		131 511	58 (D)
Vegetables, sweet corn, and melons	ferms \$1,000	12 44	2 (D)		10 196	(D)	8 (D)	(D)
Fruits, nuts, and bernes	farms \$1,000	2 (D)	-	1 (D)	7 (D)	1 (D)	1 (D)	
Nursary and greenhouse crops	ferms \$1,000	11 2 069	5 (D)	1	2	1 =	(D)	_
Other crops	\$1,000 farms \$1,000	2 069 2 (D)	(D) 1 (D)	(D) (D)	_	1 (D)	= -	=
Livastock, poultry, and their products	farms	591 49 448	421 36 823	616 43 425		589 81 643	797 61 494	453 40 237
Poultry and poultry products		37	17 2 990	32	69	14 840	50 1 781	19 1 843
Dairy products	\$1,000 farms \$1,000	4 848 79 (D)	2 990 13 517	236	242		107 4 518	137
Cattle and calves	farms_	343 9 606	247 14 64 0			223 23 718	497 16 443	213 16 207
Hogs and pigs	\$1,000 farms \$1,000	380 30 238	238 18 471		542	449	520 38 288	282 21 663
Sheep, lambs, and wool	\$1,000 farms	30 238 64 332	65 179	60	83	69	106 344	78 348
Other livestock and livestock products							26	13
(see text)	\$1,000	21 (D)	14 28	18 72				39

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1967 include abnormal famis. For it	neaning of apprevia	lions and symbols,	see introductory te	χτι	Т	γ		
Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokea	Chickasaw	Clarke
FARMS AND LAND IN FARMS								<u> </u>
Land in farms	farms 1087	1 180	773	000	750			
Land in family	1982	1 280	884	968 1 130	753 874	939 1 064	824 920	447 506
	acres, 1987 1982	360 995 358 999	323 728 336 168	335 788 342 035	312 226 322 365	331 969 333 149	262 136 277 541	201 319 210 919
Averege size of farm	acres, 1987 1982	306 280	419 380	347 303	415 369	354 313	318 302	450 417
Value of land and buildings1: Average per farm	dollars. 1987	333 886	310 335	390 987	396 159	384 694	276 973	229 589
Average per acre	1982	504 930 1 084	488 766 747	685 465 1 170	721 184	501 898	469 730	386 972
/ Wordings por abio	1982	1 829	1 299	2 224	1 012 1 992	1 032 1 686	845 1 537	472 863
Total cropland	farms, 1987 1982	1 095 1 208	734 862	924 1 075	720 832	890 1 009	793	428
	acres, 1987	332 060	284 348	296 612	293 017	287 462	882 236 472	499 147 351
Harvested cropland		324 132 1 076	292 415 719	304 104 906	297 264 711	286 501 884	245 290 785	158 264 411
	1982 acres, 1987	1 193 267 748	843 209 296	1 061 227 656	829 231 018	1 003 227 491	871 182 583	490 87 520
	1982	299 177	242 485	279 403	278 769	259 378	227 349	106 381
rrigated lend	farms, 1987 1982	3 2	1 2	2 2	8 7	4	9 7	l -
	acres, 1987 1982	(D) (D)	(D)	(D) (D)	352 (D)	68 (D)	(D) 1 510	(D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (sae text)		169 980	82 257 87 244	103 998	82 459	118 619	84 170	26 222
Averaga par ferm	1982 dollars, 1987 1982	185 932 144 051 145 260	87 244 106 413 98 692	125 104 107 435 110 711	99 473 109 507 113 814	138 534 126 325 130 201	83 836 102 148 91 126	27 629 58 661 54 602
1987 sales by commodity or commodity								
group: Crops, including nursery and greenhouse	1							
cróps	farms \$1,000	1 045 48 935	702 35 689	859 41 862	691 49 783	858 40 823	733 31 983	355 8 856
Grains	farms	1 039	701	849	683	852	728	345
Corn for grain		48 459 904	35 231 649	41 331 787	48 048 656	40 273 769	31 459 664	8 262 281
Wheet	\$1,000 farms	24 831 3	19 217 19	25 914 9	28 145	19 788	19 523 6	4 515 5
Soybeans	\$1,000	(D) 998	(D) 662	(D) 739	(D) 636	811	(D) 621	(D) 300
	\$1,000	23 072	15 810	15 185	19 744	20 270	11 651	3 714
Sorghum for grain	\$1 000 I	-	_	-]	<u>-</u> .	-	1 (D)
Barlay	farms \$1,000	-	_	_	1 1	= 1	1	(5)
Oats	farms	209	79	135	(D) 77	106	(D) 159	30
Other grains	\$1,000 farms	373 13	82 9	21 <u>2</u>	128	(D) 7	237 4	25 1
	\$1,000	(D)	(D)	(D)	(D)	(D)	27	(D)
Cotton end cottonseed	farms \$1.000	-	- [-	-	-	_	-
Tobacco	farms	-	- 1	-		[]	_	-
Hay, silage, end field seeds	\$1,000 farms	125	101	118	59	99	133	- 86
Vagatables, sweet corn, and melons	\$1,000 farms	348 2	444	421 3	285 8	361 2	516	(D)
tagadasa, anas, asin, ana malana	\$1,000	(D)	(D)	(D)	(D)	(D)	(D)	-
Fruits, nuts, and berries	farms \$1,000	1 (D)	1 (D)	4 (D)	3 (D)	-	2	-
Nursery and greenhouse crops	farms	2	1	1] 3	1	(D) 1	
Other crops	\$1,000 farms \$1,000	(D) 1 (D)	(D) - -	(D) 1 (D)	(D) 2 (D)	(D) - -	(D) - -	(D) - -
Livestock, poultry, and their products		901	586	722	418	673	617	411
Poultry and poultry products	\$1,000 farms	121 046 38	46 568 18	62 135 24	32 676 20	77 796 25	52 187 40	17 565 10
Dairy products	\$1,000 farms \$1,000	93 20 646	(D) 18 (D)	118 34 (D)	1 728 23 (D)	(D) 45 1 724	538 160 7 766	11 6 288
Cattle and calves		569	470	456	189	458	459	383
Hogs end pigs	\$1,000	66 958 688	27 976 324	20 230 481	5 571 285	39 832 438	19 403 375	9 076 192
Sheep, lambs, and wool	\$1,000	52 554 51	17 392 66	39 579 150	24 228 48	34 288	23 517 38	8 064
Other livestock and livestock products	\$1,000	(D)	201	486	(D)	59 566	(D)	41 109
(see text)	farms \$1,000	8 (D)	8 11	12 (D)	19 138	24 (D)	10 (D)	14 36
		,2)	, , ,	(3)		(5)	(0)	

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For me	eaning of abbreviation	ns and symbols, s	sea introductory tex	d]			r	
Item		Clay	Cleyton	Clinton	Crawford	Dellas	Davis	Decatur
FARMS AND LAND IN FARMS								
Land in ferms	farms, 1987	755	1 383	1 146	1 104	735 896	543 605	446
	1982 acras, 1987	923 310 06 8	1 433 422 820	1 303 363 343	1 301 392 406	309 849	224 273	512 240 745
Avarage size of farm	1982 acres, 1987 1982	343 258 411 372	425 986 306 297	390 585 317 300	417 964 355 321	332 820 422 371	244 888 413 405	274 139 540 535
Value of land and buildings1: Average per farm	dollars 1987	419 678	275 438	308 506	270 504	485 309	176 246	251 135
Average per acre	1982	670 684 1 008 1 795	429 267 894 1 414	604 574 969 2 120	393 109 770 1 233	704 334 1 123 1 864	346 255 442 807	396 363 447 785
Total cropland	farms, 1987	715	1 315	1 096	1 016	704	519	424
	1982 acres, 1987	887 283 799	1 381 313 661	1 248 327 028	1 253 348 912	853 277 152	587 159 596	494 157 760
Hervasted cropland	1982 farms, 1987	308 621 711	302 967 1 285	345 219 1 076	361 293 988	287 407 692	176 900 502	183 530 406
	1982 acres, 1987 1982	878 226 852 287 707	1 365 233 611 258 542	1 234 253 436 317 977	1 221 259 813 307 363	846 218 335 267 282	580 97 337 125 667	482 91 240 124 168
Irrigated land	farms, 1987 1982	3 6	1	6 2		8 3	_	2
	acrea, 1987 1982	(D) 543	(D) (D)	67 (D)	(D)	128 (D)	=	(D) (D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total salea (see taxt)	\$1,000, 1987	93 219	143 451	114 478		77 347	31 842 35 870	34 577 36 697
Average per farm	1982 dollars, 1987 1982	113 481 123 469 122 948	131 214 103 725 91 566	146 226 99 893 112 223	99 701	95 294 105 234 106 354	58 640 59 288	77 526
1987 sales by commodity or commodity								
group: Crops, including nursery and greenhouse crops	farms	701 44 758	982 23 813	976 42 302		672 48 006	384 9 672	349 10 956
	\$1,000	44 /56	23 613	42 302	42 302			
Graina	\$1,000	700 44 284	938 22 040	968 41 412		662 46 854	371 9 357	331 10 466
Com for grain	farms \$1.000	668 21 616	864 19 063	891 27 233		631 24 693	300 4 645	249 4 898
Wheat		-	7	29 (D)	4	4 26	24 (D)	4 898 12 (D) 303
Soybeans		677 22 493	155 2 168	742 13 843	884	620 22 023		303 5 494
Sorghum for grain		_	_	-	1 (5)	-	1 (5)	3 17
Barley	\$1,000 farma	Ξ	4	-	(D)		(D)	1 "2
Oata	\$1,000 farms	58	(D) 370	196		60		14
Other grains	\$1,000 farms	136 4	732 4	283 5	29	112	1	4
•	\$1,000	38	(D)	(D)	(D)	-	(D)	27
Cotton and cottonseed	farms \$1,000	-	_	-	<u>-</u>	-	-	
Tobacco		-	_	<u> </u>	: :	_	:	
Hay, silage, and field seeda	farma	51	302					80
Vegatablas, sweet com, and malona	\$1,000 farms \$1,000	202 - -	1 699 4 (D)	2	· 2	10	3	3
Fruits, nuts, and berrias	farms \$1,000	1 (D)	3 18			5 (D)	3 (D)	
Nursary and greenhouse crops		(D) (D)	(D)	3		. 7	1	1 1
Other crops		(D) 1 (D)	-	-		-	(D)	_2
Livastock, poultry, and their products	farms \$1,000_	459 48 461	1 277 119 638	856 72 176			22 169	23 621
Poultry and poultry products		24 (D)	43 1 123	32	: 36			6
Dairy products		10 210	674 41 918	59	39		77	12
Cattla and calves	farms \$1,000	249 20 725	1 127 24 324	603 38 601			9 002	14 396
Hogs and pigs		283 22 375	745 52 058	561	562	196	214	131 8 315
Sheep, lambs, and wool	farms	22 375 78 1 044	52 056 58 85	81	68	39	99	32
Other livestock and livestock products								
(see taxt)	\$1,000	12 (D)	34 132		(D)			

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

FARIMS AND LAND IN FARIMS	(Data for 1987 include abnormal farms. For m	eaning of abbreviation	ns and symbols,	see introductory	text]					
Lard in farms	item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
1982 1972 198 589 20 570 1 1 43 20 20 30 4 1 571 1 580 20 30 1 571 1 580 20 30 30 30 30 30 30 3	FARMS AND LAND IN FARMS									
ace is 1927 355 202 196 059 206 755 310 059 224 074 409 418 296 1518 341 341	Land in farms					1 384	522			895
Average per large and plannings 268 382 414 228 459 35			343 222	198 069	205 755	315 089	224 074	409 618	286 515	1 048 341 124
Average por farm	Average size of farm	acres, 1987	269	382	414	228	429	315	369	362 542 381 346
Average per acre	Value of land and buildings1:	dellere 1097	396 406	404 649	300 345	229 192	414 222	297 624	330 440	204 407
Total cropland		1982	575 423	602 281	640 690	409 043	805 048	526 530	667 148	754 902 1 078
1922 327 327 328	7.70.rago por aoro	1982								2 223
Authority Company Co	Total cropland					1 293 1 370				840 995
Harwested cropland		acres, 1987	300 474	165 081	189 436	256 171	209 163		265 659	315 824 328 990
acres, 1987. 238 836 195 227 8980 208 807 194 454 898 275 2888 21 776 2848 670 195 287 8880 274 143 244 275 298 670 195 288 807 875 288 807 275 288 807 275 288 807 275 288 807 275 288 807 275 288 807 275 275 275 275 275 275 275 275 275 27	Harvested cropland	farms, 1987	1 203	504	470	1 275	500	1 212	745	832 994
### APPLIED REPORT OF STORY AND A STORY AN		acres, 1987	239 636	128 556	149 470	200 670	164 545	275 283	211 775	249 605 307 642
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD Total sales (see text)	Irrigated land	farms, 1987	_		2					8
TURAL PRODUCTS SOLD Total sales (see tax1) \$1,000, 1987 166, 898		acres, 1987	-	(D)	(D) (D)	(D) V		(D)	(D)	2 (D) (D)
Average per farm	MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Average per farm	Total sales (see text)	\$1,000, 1987								110 471
1987 sales by commodity or commodity group: Crops, including nursery and greenhouse Crops. S1,000. S1,	Average per farm	doliars, 1987	130 593	82 805	128 528	109 728	108 422	103 459	100 596	129 842 123 431 123 895
Group: Groups: including nursery and greenhouse (farms.) Sinool. 28 615 25 034 28 604 12 946 35 818 47 478 45 017 55 78	1987 sales by commodity or commodity	1982	115 096	97 007	130 039	93 780	112 103	100 437	33 073	120 000
Crops	group:									
Si,000		farms \$1,000								814 55 764
Corn for grain Isams 768 448 416 607 473 981 662 37 381	Grains									811
Wheat	Corn for grain	farms	768	448	416	607	473	981	682	783
Solution and cottonseed	Wheat				5	9	1		4	30 800 3
Signature Sign		\$1,000			(D) 433		(D) 476			(D) 769
Barley	00,000	\$1,000			13 712					23 546
Cattle and calves Catt	Sorghum for grain	farms	-	-		1 (0)	-		-	1 (D)
Cattle and calves Catt	Barley	farms		_	_	10	j - j		-	(D) 4 5
S1,000	Oats	farms	242			230		273		87
Cotton and cottonseed	Other grains	farms	9	2	2	6	1 1	7	7	121 6
Tobacco		\$1,000	14	(D)	(D)	(D)	(D)	22	24	25
Hay, silage, and field seeds \$\begin{array}{c ccccccccccccccccccccccccccccccccccc	Cotton and cottonseed	farms \$1,000	-			-	-	-	-	-
Hay, slage, and field seeds	Tobacco	farms \$1.000	-	_		_		-	-	-
Vegetables, sweet corn, and melons farms - (D) 1 1 - 9 3 (D) 3 (D) (D) (D) - 80 (D)	Hay, silage, and field seeds	farms								69 216
\$1,000 (D) (Vegetables, sweet corn, and melons	farms	-	4	1	1	-	9	3	6 (D)
St.000 St.000 CD CD CD CD CD CD CD	Fruits, nuts, and bemes				-	4	1 (0)	2	-	-
Other crops	Nursery and greenhouse crops	farms	1	3			(D) -	3) 7	1
Livestock, poultry, and their products	Other crops	farms	1	(D) - -	(D) -	1	-	(D) - -	(D) - -	(D) - -
\$1,000	Livestock, poultry, and their products	farms		323						545
\$1,000_ 1 107 (D) 1 762 (D) 181 1 579 994 5 2 611 2 400 45 613 613 613 613 613 613 613 614 615		\$1,000	138 283		35 275 20			36	22	54 706 43
Cattle and calves		\$1,000 farms	1 107 513	15	1 762 22	611	2	400	45	5 255 25 (D)
\$1,000. 22 079 7 324 20 327 37 475 9 509 20 077 10 368 11 6	Cattle and calves					1 134				243
Hogs and pigs farms_ 895 154 167 849 165 578 279		\$1,000	22 079	7 324	20 327	37 475 849				11 634 384
\$1,000. 82 415 9 111 11 776 54 018 10 877 39 784 20 060 36 5		\$1,000	82 415	9 111	11 776	54 018	10 877	39 784	20 060	36 504 64
01,000=1		\$1,000			221					174
	Other livestock and livestock products (see text)	farms	18 27	20 (D)	10 43			23 101	18 27	18 (D)

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For mo	eaning of abbreviation	s and symbols,	see introductory	text)					
item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS AND LAND IN FARMS									
London forms	40000 1007	570	770	000	705	004		004	005
Land in farms	1982	578 835	779 900	908	735 841	881 1 033	928 1 088	921 1 027	825 951 374 805
	acres, 1987 1982	298 877 300 279	346 237 352 113	316 224 317 381	297 541 308 153	341 619 354 273	340 590 347 889	333 182 349 088	395 098
Average size of farm	acrea, 1987 1982	517 473	444 391	348 313	405 366	388 343	387 320	362 340	454 415
Valua of land and buildings1: Average per farm	dellers 1097	431 9 6 0	463 944	435 244	281 508	477 108	417 550	393 332	375 686
	1982	661 931	739 730	702 434	442 251	791 054	417 550 683 518	718 929	453 258
Avarage per acre	dollars, 1987 1982	824 1 419	1 034 2 007	1 231 2 378	769 1 259	1 247 2 341	1 119 2 156	1 022 2 121	938 1 136
Total cropland	farms, 1987 1992	549 623	751 867	857 958	705 817	642 984	894 1 051	958 966	790 929
	acras, 1987	261 784	316 398	295 557	248 528	321 397	322 223	302 054	322 014
Harvested cropland	1982 farms, 1987	262 920 545	317 085 745	292 987 852	253 393 684	324 337 932	323 015 886	311 329 851	340 013 779
	1982 acras, 1997 1982	618 200 240 219 479	862 255 194 296 566	945 241 792 278 640	812 172 687 207 065	978 259 624 311 110	1 043 256 175	960 241 525 292 304	918 250 366 294 199
ladanta diband			290 500	278 640	207 005	2	308 277	292 304	
Irrigated land	1982 acres, 1987 1982	11 8 1 265 1 416	4 (D) 501	1 (D)	1 (D) (D)	(D)	8 586 772	(D) (D)	75 89 15 844 15 937
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see taxt)	\$1.000, 1997	67 33 4	99 319	120 373	63 978	133 307	97 220	114 950	80 667
Average per farm	1982 dollars, 1987	69 702 116 494	105 590 114 658	120 239 132 570	75 905 86 909	150 764 151 313	114 759 104 763	132 035 124 810	80 667 84 079 97 778
4007	1982	109 766	117 322	118 696	90 137	145 967	105 672	128 564	88 410
1997 sales by commodity or commodity group:]				
Crops, including nursery and greenhouse crops	farms \$1,000	538 37 026	738 58 578	833 56 998	850 30 401	823 57 248	869 52 561	837 53 628	764 49 487
Graina		531	734	830	642	819	866	828	756
Corn for grain	\$1,000 farms	36 233 493	58 001 718	55 583 788	29 837 587	56 963 786	52 366 826	52 907 785	49 041 718
Wheat	\$1,000	16 513 18	28 386 3	31 152	16 025	29 881 2	29 022	29 394	27 064 28
Wheat	\$1,000	43	(D) 725	(D) 793	(D) 594	(D) 790	(D) 822	701	(D) 722
Soybeans		519 19 393	29 4 6 4	24 282	13 620	26 956	23 149	781 23 372	21 097
Sorghum for grain	farms \$1.000	6 32	_	_	-	-	-	-	-
Barley	farms \$1,000		1 (0)	-	-	-	-	-	_
Oats	farms	10	(D) 72	86	119	61	108	79	71 (D) 27
Other grains		(D) 20 (D)	138 1 (D)	126 2 (D)	(D) -	80 5 (D)	183 5 (D)	(D) 4 (D)	27 682
Cotton and cottonseed		-	-		_	(5)	_	_	_
Tobacco	\$1,000	-	-	-	-	-	-	-	_
	\$1,000	-	_	-	-	-	_	-	-
Hay, silage, and field seeds	\$1,000	66 230	56 225	96 (D)	92 264	49 (D)	59 (D)	66 261	83 191 3
Vegetables, sweet com, and melons	\$1,000	(D)	3 (D)	(D)	-	(D)	-	9 (D)	(D)
Fruits, nuts, and berries	farms \$1,000	3 (D)	2 (D)	-	1 (D)	-	1 (D)	3 (D)	6 (D)
Nursery and greenhouse crops		2	(D) (D)	-	(D)	1 (0)	1 (D)	345	, 1
Other crops		(D) -	(D) 1 (D)	Ē.	(D) - -	(D) -	(b) - -	345	(D) - -
Livestock, poultry, and their products	farms	331	382	574	552	447	519	594	519 31 200
Poultry and poultry products	\$1,000 farms	30 308 8	30 741 18	63 375 51	33 477 16	76 059 45	44 659 34	61 322 32	20
Dairy products	\$1,000 farms \$1,000	9 7 408	114 - -	(D) 35 1 997	99 12 (D)	31 552 5 402	(D) 28 1 740	1 852 16 (D)	17 18 356
Cattle and calves		262	255	318	447	128	243	319	440
Hogs and piga	\$1,000 farme	20 034 145	12 253 190	29 833 386	15 957 291	10 482 325	12 299 372	16 420 392	19 569 230
Sheep, lambs, and wool	\$1,000	9 800 16 54	17 909 76 (D)	29 832 85 370	16 959 58 136	32 279 57 179	28 580 52 200	42 238 61 (D)	12 139 24 72
Other livestock and livestock products (see text)			(D) 8	21	136	25	9	33	18
, y	\$1,000	5 3	(D)	(D)	(D)	1 164	(D)	152	26

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

Data to Too moldes denominations. For me	Janing Or abbrevia	1	, sad masadotor,	tuntj	,				
Item		Hanry	Howard	Humboldt	lda	lowa	Jackson	Jaaper	Jaffarson
FARMS AND LAND IN FARMS									
Land in farms	1982 acres, 1987 1982	607 712 208 773 225 017 344 316	780 888 259 664 270 224 333 304	685 779 272 540 272 790 398 350	689 777 254 545 255 721 389 329	849 967 318 580 351 948 373 384	1 019 1 138 319 173 328 724 313 290	1 107 1 273 410 703 433 675 371 341	524 653 212 683 230 800 408 353
Value of land and buildings1: Average per farm	1982	368 247 547 058 1 004 1 758	235 061 391 329 731 1 386	428 428 779 807 1 089 2 177	370 993 477 859 957 1 553	312 908 576 486 878 1 556	225 518 435 211 774 1 460	327 890 538 738 918 1 873	318 239 435 727 784 1 353
Total cropland	1982 acres, 1987 1982	576 664 177 418 185 600 565 676 131 957 165 936	748 848 234 110 238 046 740 844 175 344 213 667	682 745 258 543 252 647 857 7 7 212 812 242 983	652 748 229 658 225 600 635 732 175 069 200 822	822 928 277 664 293 584 812 915 198 540 233 025	958 1 088 230 735 238 536 829 1 071 158 324 188 592	1 048 1 218 355 474 371 004 1 022 1 198 271 828 319 787	502 828 178 775 188 004 495 611 132 614 154 344
Irrigaled land	1987 1982 acres, 1987 1982	2 4 (D) (D)	3 2 (D) (D)	3 1 281 (D)	1 (D)	(D)	5 (D)	(D)	5 2 127 (D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								ļ	
Total sales (see text)	\$1,000, 1987 1982	54 645 71 808	66 144 69 547	77 502 88 050	79 832 68 068	90 403 105 961	92 248 90 595	118 338 134 499	43 189 52 305 82 384
Avaraga par farm		90 025 100 854	84 600 78 319	113 142 113 030	115 867 113 345	106 482 109 577	90 528 79 608	106 899 105 655	82 384 80 100
1987 salas by commodity or commodity group: Crops, including nursary and greenhouse		547		252	945			200	
crops	\$1,000	547 22 601	668 28 178	650 45 117	815 29 524	747 33 801	694 14 078	980 50 105	451 20 143
Grains	\$1,000 farms \$1,000 farms \$1,000	540 22 382 482 13 235 17 (D) 486 9 043	660 27 564 596 15 677 5 7 574 11 567	649 44 725 820 21 268 1 (D) 631 23 273	613 29 300 548 18 190 7 7 578 12 843	736 33 151 643 22 898 10 (D) 629 8 901	870 13 121 598 10 788 35 52 231 1 898	968 49 371 888 27 897 4 (D) 884 21 067	443 18 737 383 8 827 23 62 418 8 719
Sorghum for grain Barley Oats Other grains	\$1,000_ farms_ \$1,000_	- - - 43 66 3 3 (D)	3 (D) 1 (D) 174 282 8 17	1 (D) - - 88 130 2 2 (D)	- 3 (D) 77 118 14 (O)	2 (D) - 183 272 4 4 35	- 2 (D) 211 360 8 (D)	1 (D) - 207 311 11 91	- - - 54 69 3
Cotton and cottonseed Tobacco Hay, silage, and field seeds Vegetables, sweet corn, and melons	\$1,000 farms_ \$1,000 farms_ \$1,000	- - - 62 176 3 3 (D)	- - - 92 268 1 1 (D)	- - - 47 304 1 1 (D)	- - - 66 224 -	- - 141 588 3 (D)	- - - 177 882 3 3 (D)	4	- - 74 242 4 (D)
Fruits, nuts, and barries	\$1,000 farms \$1,000	3 (D) 1 (D)	- 2 (D)	- 2 (D) 1 (D)	- - - -	2 (D) 2 (D)	4 32 1 (D) 1 (D)	2 (D) 3 (D) 1 (D)	- 2 (D)
Livestock, poultry, and their products	\$1,000	414 32 043	578 37 966	312 32 388	525 50 308	700 58 602	957 78 170	841 68 233	395 23 028
Poultry and poultry products Dairy products	farms \$1,000	32 5 089 8 393	29 (D) 167 7 873	10 282 9 (D)	18 (D) 11 500	24 737 34 1 750	44 230 222 11 395	36 641 33	13 23 10 (D)
Cattle and calves	\$1,000 farms \$1,000	265 7 294 244 18 805	440 11 109 351 17 374	137 12 821 208 18 822	371 28 439 328 19 322	549 24 175 427 28 511	883 41 032 534 24 590	646 27 195 486 38 188	301 7 566 224 14 022
Sheep, lambs, and wool Other livestock and livestock products	\$1,000	72 298	37 305	67 185	51 (D)	91 301	52 117	89 266	58 329
(see text)	farms \$1,000	26 166	15 (D)	7 (D)	17 281	24 130	36 805		13 (D)

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For me	eaning of abbreviatio	ns and symbols,	see introductory	text J					
item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS AND LAND IN FARMS									
Land in farms	1987 1982 acres, 1987	967 1 135 284 785	929 1 078 308 359	773 952 324 953	1 574 1 747 591 372	608 726 231 150	1 110 1 257 327 199	487 560 190 037	382 469 171 601
Average size of farm	1982	311 634 295 275	324 770 332 301	334 665 420 352	606 541 376 347	244 624 380 337	345 442 295 275	201 953 390 361	189 056 449 403
Velue of land and buildings1: Average per farm	1982	317 260 543 752 1 103	323 787 512 973 971	372 158 503 963 839	439 535 751 683 1 155	319 447 380 806 813	330 551 560 824 1 110	429 467 613 566 1 116	218 612 350 795 446
Total cropland	1982 farms, 1987	1 976 9 <u>2</u> 6	1 708	1 427	2 174 1 515	1 158 578	2 058	1 701	983 362
Harvested cropland	acres, 1987 1982	1 101 252 659 269 668 914 1 077 192 320 231 427	1 036 256 695 262 526 866 1 021 190 815 230 522	918 269 237 273 890 726 907 193 173 224 740	1 687 557 320 559 924 1 509 1 683 455 917 535 361	701 182 282 185 680 568 694 139 633 161 360	1 210 289 173 300 143 1 058 1 202 232 165 277 095	543 162 538 168 778 459 537 127 150 152 424	451 126 759 133 065 349 439 70 135 86 164
Irngated land	acres, 1987 1982 acres, 1987 1982	9 2 127 (D)	1 (D)	1 (D)	6 5 (D) 590	12 3 (D) (D)	12 8 224 103	12 11 3 352 3 258	=
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)	1982	93 497 104 812 96 688	108 561 112 832 116 858	84 228 96 954 108 962	172 725 201 702 109 736	55 296 63 686 90 947	90 701 102 339 81 713	41 583 57 007 85 386	21 945 25 964 57 448
1987 sales by commodity or commodity	1982	92 345	104 668	101 842	115 456	87 721	81 415	101 798	55 360
group: Crops, including nursery and greenhouse crops.	farms \$1,000	798 27 313	719 27 42 1	693 33 317	1 486 99 592	532 17 874	983 41 792	441 22 709	278 7 115
Grains	\$1,000 ferms \$1,000 farms \$1,000	762 26 158 644 15 565 12 (D) 643 10 216	705 26 823 648 17 993 10 (D) 502 8 495	687 32 912 624 19 919 25 (D) 630 12 748	1 480 99 056 1 419 50 440 4 (D) 1 441 48 279	522 17 080 427 8 037 90 131 486 8 874	957 39 198 858 22 221 19 (D) 812 16 509	437 21 653 404 12 601 21 (D) 398 8 962	267 6 882 229 3 684 2 (D) 226 3 137
Sorghum for grain Barley Oats Other grains	\$1,000 farms \$1,000	4 (D) - 188 320 4 11	144 314 6 (D)	1 (D) - - 73 115 5 (D)	1 (D) 1 (D) 137 200 17 124	3 (D) - - 27 22 1 (D)	4 35 - 211 391 6 (D)	27 31 5 (D)	25 (D)
Cotton and cottonseed Tobacco Hay, silage, and field seeds Vagatablas, sweet corn, and melons	\$1,000 farms \$1,000 farms \$1,000	- - 172 669 111 (D)	- - 135 596 1 (D)	97 (D)	105 452 6		159 645 18	- - - 43 141 7 387	- - - 59 (D) 2 (D)
Fruits, nuts, and bernes Nursery and greenhouse crops Other crops	farms- \$1,000_ farms- \$1,000_	22 119 7 171 4 (D)	(D) (D) (D) -	2 (D) - - -	-	(D) 3 363 3 (D)	7 (D) 14 1 390 4 (D)	4 (D) 1 (D) 4 391	- - - - -
Livestock, poultry, and their products Poultry and poultry products Dairy products	\$1,000 tarms \$1,000	770 66 184 95 6 553 121 4 761	772 81 140 27 54 133 7 119	625 50 911 30 (D) 8 424	883 73 132 70 3 969 67 3 324	37 422 14	774 48 910 29 28 105 (D)	318 18 874 11 (D) 4 278	349 14 830 5 (D) 8 (D)
Cattle and calves Hogs and pigs Sheep, lambs, and wool	\$1,000 farms \$1,000	559 16 305 551 37 655 141 807	596 36 045 501 37 731 71 126	426 11 495 461 37 117 87 982	398 22 270 619 43 096 119 455	380 14 268 260 20 152 56 234	575 19 576 434 23 682 124 362	196 4 965 204 12 664 46 106	333 8 599 129 4 773 46 334
Other livestock and livestock products (see text)	farms \$1,000	38 103	26 64	23 (D)	19 19		23 (D)	12 (D)	17 29

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

Data for 1987 include abnormal ferms. For meening of abbrev	viations and symbols, s	see introductory to	ext]	1				
Item	Lyon	Madison	Mehaska	Manon	Marshell	Mills	Mitchell	Monone
FARMS AND LAND IN FARMS								
Land in fermsferms, 1987.	1 105	632	951	739	839	481	766	699
1982. ecres, 1987.	1 249	759 260 709	1 050 311 511	837 252 717	941 317 631	527 236 672	848 259 978	774 364 803
1982 Averege size of farm acres, 1987.	351 926	286 665 413	324 699 328	267 639 342	327 906 379	241 207 492	264 227 339	367 002 522
Average size of farm 1982.	282	378	309	320	348	458	312	474
Value of land and buildings1: Average per farmdollers, 1987.	311 776	315 450	343 443	248 613	383 996	356 429	303 856	418 816
1982.	459 /41	452 318	466 890	421 529	694 118	685 818	539 919	587 143
Average per acredollars, 1987. 1982.	977 1 639	734 1 130	1 063 1 561	761 1 345	1 025 2 050	773 1 442	907 1 786	788 1 301
Total croplendfarms, 1987.	1 022	603	900	699	790	466	708	673
1982. acres, 1987.	309 216	720 192 924	1 000 266 215	795 206 475	899 284 810	513 212 974	812 239 981	755 313 707
Harvested croplandfarms, 1987.	1 011	205 389 588	274 922 888	208 447 677	290 228 778	212 788 463	237 419 702	310 497 664
1982. acres, 1987.	247 410	714 128 050	980 206 407	776 146 658	887 214 694	504 166 253	803 188 605	752 238 373
1982.	291 921	154 226	233 176	162 731	261 396	190 936	222 734	278 823
migated landfarms, 1987. 1982:	16 12	1 -	3 2	8	6	4 6	5 3	89 72
acres, 1987 1982	1 339	(D) -	(D) (D)	(D) 64	(D) (D)	771 1 845	(D) (D)	72 (D) (D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD								
Total sales (see text)\$1,000, 1987	135 074	55 646	110 686	62 184	89 384	54 466	95 483	74 322
1982 Average per fermdollars, 1987 1982	122 239	54 879 88 048 72 305	115 344 116 389 109 852	70 424 84 146 84 139	98 602 106 537 104 785	62 591 113 235 118 769	95 273 124 652 112 350	91 807 106 326 118 614
1987 sales by commodity or commodity	114 603	72 303	103 032	04 703	104 705	110 705	112 330	110 014
group:								
Crops, including nursery and greenhouse crops farms \$1,000	962 38 538	540 20 605	855 35 316	637 25 515	756 49 306	455 31 252	662 33 533	645 42 775
Grains farms.	952	530	846	623	742	450	660	641
\$1,000 Corn for grainfarms	837	20 031 471	34 226 706	23 389 535	47 755 695	31 011 417	32 976 602	42 343 615
Wheat farms.	- 17 604	9 994	18 175 _4	12 209 13	28 790 8	16 133 24	18 117 17	24 126 28
Soybeans farms	(D) 907	(D) 480	(D) 776	(D) 568	(D) 681	55 427	(D) 611	79 569
\$1,000		9 883	15 839	11 021	18 740	14 669	14 390	17 417
Sorghum for grain farms \$1,000	-	-	-	-	-	1 (D)		2 (D)
\$1,000 Barley farms \$1,000	(D)		-	-	2 (D)	-	(D)	(D) 59
Oats farms \$1,000	193 391	44 134	145 203	98 139	107 150	18 (D)	172 363	123
Other grainsfarms \$1,000	1 (D)	3 (D)	(D)	1 (D)	7 53	5 (D)	12 78	41 (D)
Cotton and cottonseed farms		_	_	-	-	-	-	-
\$1,000 Tobaccofarms		-	-	-	_	-	-	-
\$1,000 Hay, silage, and field seeds farms	-	112	130	104	112	46	83	57
\$1,000 Vegetables, sweet corn, and melons farms	653	494	383	307	297 5	197	333 6	194 2
\$1,000	22	(D)	(D)	1	(D)	(D)	224	(D)
Fruits, nuts, and bernes farms \$1,000	2 (D)	1 (D)	2 (D)	2 (D)	-	2 (D)	-	=
Nursery and greenhouse crops farms \$1,000	2	(D)	(D)	(D)	6 (D)	(D)	-	-
Other cropsfarms \$1,000	-	-	(D)	(D)	-	(D)	-	1 (D)
Livestock, poultry, and their products farms \$1,000		547 35 042	739 75 370	590 36 669	536 40 078	283 23 214	563 61 950	382 31 547
Poultry and poultry products farms	41 \	15	35	26 817	19 552	11	52 5 291	10
\$1,000 Dairy products	126	(D) 5 (D)	1 449 40 1 836	34 (D)	13 (D)	(D) 3 117	105 (D)	8 167
Cattle and calves		495	515	437	381	219	325	291
\$1,000 Hogs and pigsfarms	580	11 694 255	27 084 499	10 633 357	16 990 284	14 472 145	21 571 375	20 134 222 11 068
\$1,000 Sheep, lambs, and wool	85	12 663 59	44 616 81	23 134	21 159 82	8 532 22	29 570 53	35
\$1,000 Other livestock and livestock products	556	334	350	187	380	81	146	160
(see text) farms \$1,000		12 (D)	20 35	16 (D)	21 (D)	5 (D)	19 (D)	7 11

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include ebnormal terms For m	eaning of eppreviation	is and symbols,	see introductory	text]					
Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Pega	Palo Alto	Plymouth
FARMS AND LAND IN FARMS									
Land in ferms	farms, 1987	437	559	612	1 111	660	768	831	1 471
	1982 acres, 1987	476 189 415	622 237 747	743 218 787	1 221 357 871	752 228 232	840 319 448	931 338 457	1 624 503 707
Average size of farm	1982 acres, 1987 1982	193 111 433 406	245 571 425 395	228 597 357 308	358 365 322 294	243 601 346 324	319 955 416 381	341 304 407 367	505 797 342 311
Value of land and buildings1: Avarage per ferm	dollars, 1987	184 871	290 196	388 780	397 637	374 950	259 916	418 668	334 062
Average per acre	1982	268 015 398 753	511 141 674 1 353	593 774 1 124 1 798	594 762 1 196 2 023	598 629 1 059 1 790	410 613 616 1 104	712 605 1 091 2 109	510 102 1 049 1 678
Total cropland		420	541	595	1 040	627	749	803	1 402
	1982 acres, 1987	463 125 983	599 210 628	727 189 678	1 136 328 298	724 214 550	820 271 682	904 317 270	1 558 453 169
Harvestad croplend	1982 ferms, 1987	131 744 409	214 775 527	191 137 587	324 812 1 026	225 753 626	272 642 738	315 163 800	444 545 1 378
	1982 ecres, 1987 1982	453 68 487 79 633	594 157 215 179 100	720 147 932 173 339	1 134 267 338 309 313	718 177 150 211 946	803 196 444 216 772	902 250 114 298 570	1 544 354 467 405 382
Irrigated land	farms, 1987	2	1	28	4	10 13	7 3	29 22	13 17
	1982 acras, 1987 1982	(D)	(D) (D)	23 3 142 2 763	(D)	(D) 1 743	1 928 (D)	(D) 3 734	(D) 2 987
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)	\$1,000, 1987 1982	26 288 27 937	53 587 63 566	53 264 70 726	156 183 164 892	74 123 87 918	71 719 79 244	91 239 106 149	182 500 189 656
Average per farm		60 155 58 691	95 862 102 196	87 032 95 190	140 579 135 046	112 307 116 912	93 385 94 338	109 795 114 016	124 065 116 783
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops.	farms \$1,000	340 6 657	509 28 393	545 24 280	1 013 52 664		718 36 311	787 52 391	1 320 53 928
Grains		321	506	533	1 009		708	786 52 100	1 307 52 975
Corn for grain	\$1,000 farms	6 257 257	26 003 456	22 365 469	52 361 929		28 904 626 12 842	752 25 589	1 126 25 947
Wheat		2 959 6	13 262	12 302 23	3	3	53 110	1	12
Soybeans	\$1,000 farms \$1,000	9 273 3 201	(D) 493 12 631	54 494 9 841	969 26 743	601	687 15 750	(D) 766 26 268	(D) 1 215 26 007
Sorghum for grain	farms \$1,000	-	-	1 (D)	_	_	1 (D)	_	-
Barley	\$1,000 farms \$1,000	1 (D)]	(D)	-	-		-	-
Oats	\$1,000 farms \$1,000	22 34	37 (D)	83 158	154	96 (D)	38 53	85 156	287 726
Other grains		2 (D)	(D) (D)	5 7	3	6	(D)	5 (D)	287 726 25 (D)
Cotton and cottonseed	farms \$1,000	-	<u> </u>	_	-	-	_ :	=	=
Tobacco		-	-	-		_	-	_ :	_
Hay, silage, and field seeds	farms	88 (D)	84 (D)	74 236			93 195	50 207	178 829
Vagetables, sweet corn, and melons .	\$1,000 farms \$1,000	(D) - -	-	25 1 177	3	4	(D)	(D)	829 2 (D)
Fruits, nuts, and berries	farms\$1,000	1 (D)	_	1 (D)	(D)		1 (D)	=	2 (D) 2
Nursary and greenhouse crops		1 (D)	(D)	(D)	1	3	(D)	(D)	(D)
Other crops		,D) - -	-	(D)	-	=	=		=
Livestock, poultry, and their products	farms \$1,000	394 19 631	415 25 194	28 984	103 519	39 205	35 408	456 38 848	1 158 128 572
Poultry and poultry products	farms \$1,000	5 3	17 14	23	(D)	(D)	23 20	(D)	1 587
Dairy products		22 (D)	397	29	57	56	8	870	41 2 209
Cattle and calves	\$1,000 L	376 11 967	327 13 202		56 155	17 746		202 13 126	725 59 910
Hogs and pigs	farms \$1,000	140 6 504	234 11 464	257	555	265	302	350 23 577	846 63 659
Sheep, lambs, and wool		37 140	32	71	76	52	37	52 298	84 (D)
Other livestock and livestock products (see text)	3	20 (D)	6	15	14	3	19	12	20
	φ1,000	(1)	. 42	. 20	. (5)	(-)	,-,	·- /	

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Dete for 1987 include abnormal farms. For me	ening of appreviati	ons ena symbols,	see introductory	rext]		т			
Item		Pocehontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARMS AND LAND IN FARMS			,						
Land in farms	1982 acres, 1987 1982	892 1 027 343 527 354 884 385 346	580 705 223 191 229 920 385 326	1 241 1 417 525 606 537 996 424 380	833 955 322 040 346 061 387 362	504 601 258 919 294 106 514 489	934 1 043 355 454 355 669 381 341	732 861 222 385 231 983 304 269	1 032 1 159 344 039 349 869 333 302
Value of lend end buildings1: Averege per ferm	1982	438 848 756 078 1 122 2 173	471 210 628 620 1 125 2 034	371 643 540 107 879 1 402	348 607 597 323 915 1 731	238 844 407 502 486 843	390 742 673 265 1 070 1 912	439 339 693 828 1 470 2 532	305 940 377 745 910 1 350
Totel croplend	1982 acres, 1987 1982	864 996 325 622 327 728 856 999 263 301 315 920	550 674 203 647 204 817 540 664 162 967 189 280	1 188 1 358 476 778 480 422 1 179 1 337 373 783 425 800	798 921 285 886 298 568 782 997 208 407 249 441	484 585 206 238 233 006 464 574 114 164 152 736	891 996 318 967 321 474 885 988 257 355 299 987	712 830 204 827 209 901 701 823 162 953 199 122	974 1 104 317 486 315 713 954 1 093 242 021 280 897
Imgeled land	acres, 1987 1982 acres, 1987 1982	4 1 (D) (D)	10 5 (D) (D)	16 12 (D) (D)	2 1 (D) (D)	-	8 5 707 791	10 13 182 (D)	1 (D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see fext)	1982	93 659 112 321 104 999 109 368	54 099 58 028 93 274 82 309	147 181 186 940 118 598 131 927	80 248 90 028 96 336 94 270	37 788 41 133 74 976 68 441	129 580 147 769 138 737 141 677	80 668 97 801 110 202 113 589	107 992 114 475 104 644 98 770
1987 sales by commodity or commodity group: Crops, including nursery end greenhouse crops.	ferms \$1,000	854 51 878	525 38 904	1 146 71 915	752 35 873	407 12 716	867 45 763	673 31 925	931 44 099
Grains	\$1,000 farms \$1,000 farms \$1,000	851 51 651 818 26 188 - 829 25 359	508 35 809 485 19 211 3 (D) 475 16 498	1 129 69 285 1 044 38 327 34 117 1 040 30 495	746 35 272 673 19 222 5 19 693 15 563	403 12 398 331 5 560 9 (D) 374 6 744	862 45 176 753 21 218 3 7 836 23 276	656 29 747 596 20 838 6 (D) 553 8 733	927 43 423 868 25 426 3 (D) 843 17 496
Sorghum for grain Barley Oets Other grains	\$1,000 farms \$1,000 farms \$1,000	- - 74 (D) 2 (D)	- - - 47 69 2 (D)	1 (D) - 136 312 7 (D)	208 411 6 56	- - - 20 60 3 (D)	3 (D) 124 (D) 39	- - - 107 156 1 (D)	1 (D) 204 377 15
Cotton and cottonseed Tobacco Hay, silege, and field seeds Vegetables, sweet corn, and melons	\$1,000 farms \$1,000 farms \$1,000	52 (D)	- - - 56 236 7 256	150 609 8 (D)	- - 137 543 2 (D)	70 (D)	- - - 77 336 1 (D)	97 391 10 188	- - - 125 385 2 (D)
Fruits, nuts, and berries Nursery and greenhouse crops Other crops	\$1,000 ; farms \$1,000	- - 2 (D) -	3 (D) 15 2 533 2 (D)	4 (D) 7 1 753 -	- 1 (D) -	-	1 (D) 2 (D) -	4 25 9 1 574	(D) 2 (D)
Livestock, poultry, and their products Poultry and poultry products Dairy products	\$1,000 farms \$1,000	443 41 781 20 2 345 7 329	302 15 194 13 824 11 440	852 75 266 40 250 13 424	677 44 375 16 (D) 27 1 467	448 25 072 6 3 11 638	630 83 817 30 2 609 22 1 543	516 48 743 25 (D) 39 3 911	776 63 893 29 (D) 23 742
Cattle and calves	\$1,000 farms \$1,000	194 14 452 309 24 391 37 239	190 5 624 143 7 909 38 154	661 49 377 477 24 734 69 202	555 19 059 369 23 056 81 439	419 14 499 203 9 777 32 132	335 38 199 439 40 850 87 565	336 18 212 327 25 653 70 130	570 31 788 494 30 437 46 (D)
Other livestock and livestock products (see text)		10 26	21 245	21 279	18 (D)	16 23	13 51	21 (D)	22 252

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

(Date for 1987 include abnormal farms. For ma	aning of abbraviation	ons and symbols,	see introductory	text]				,	
Item		Sioux	Story	Teme	Teylor	Union	Van Buren	Wapello	Warren
FARMS AND LAND IN FARMS									
Land in farms	1982 ecres, 1987	1 780 1 904 463 499	885 982 317 648	1 115 1 230 398 211	564 660 268 275	460 538 214 934	490 580 211 818	492 555 179 563	692 783 261 102
Average siza of farm	1982 acres, 1987 1982	464 034 260 244	327 532 359 334	404 206 357 329	272 417 476 413	217 250 467 404	240 471 432 415	191 784 365 346	282 870 377 361
Value of lend and buildings1: Avarage per ferm	dollars, 1987 1982	307 724 9 474 743	436 310 741 277	346 161 593 393	218 667 406 152	246 385 405 667	222 861 416 341	235 542 491 117	277 842 505 840
Avarage per acre		1 152 2 011	1 228 2 266	986 1 770	497 963	531 1 098	519 970		757 1 349
Total croplend	farms, 1987 1982 acras, 1987	1 551 1 728 431 566	834 948 296 184	1 058 1 189 355 135	540 647 213 644	437 522 164 728	483 564 149 109	469 541 144 952	668 755 208 489
Harvasted cropland	1982	425 903 1 521 1 712 348 441 403 696	301 454 830 939 238 547 284 105	346 226 1 048 1 175 269 658 304 270	217 047 529 637 135 383 158 282	164 264 425 510 96 337 115 243	166 423 466 560 99 794 123 419	154 862 460 537 108 091	218 874 650 734 143 508 169 521
Irrigated land	farms, 1987 1982 acres, 1987 1982	55 54 8 534 8 959	12 5 301 (D)	3 2 (D) (D)	2 (D)	2 2 (D) (D)	1 (D)	1 1 (D) (D)	3 2 (D) (D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total salas (sea taxt)	1982	347 494 323 113	100 804 108 613	104 469 113 217	39 509 42 521	38 741 38 032	31 746 38 200	40 033	52 631 58 280
Average per farm	dollers, 1987 1982	195 222 169 702	113 903 110 604	93 694 92 046	70 052 64 425	84 220 70 691	64 787 65 863	69 296 72 131	76 056 74 432
1987 salas by commodity or commodity group: Crops, including nursary and graenhouse									
crops.	farms \$1,000	1 409 54 574	811 54 703	1 003 54 241	502 17 996	387 12 685	424 13 086	402 16 436	579 22 206
Grains	\$1,000	1 392 52 246	801 53 076	998 53 559	497 17 594	379 12 356	410 12 585	15 944	565 21 500
Corn for grain	\$1,000	1 158 27 385	757 27 645	936 31 348	415 8 450	336 6 413 7	330 6 088 29		497 11 588 9
Soybeens	\$1,000	21 1 266 24 319	6 (D) 766 25 342	5 (D) 912 21 987	21 56 477 9 019	(D) 350 5 834	42 390 6 422	(D) 374	(D) 499 9 694
Sorghum for grain	farms \$1,000	-	-	_	2 (D)	_	_	1 (D)	1 (D)
Barlay	farms \$1,000	-	-	(D)	-	1 (D)	_	_	_
Oats	farms \$1,000	239 498	39 66	169 208	35 64 2	46 52	25 (D)	33 28	54 60 5
Other grains	farms \$1,000	6 23	3 (D)	(D)	(D)	35	2	1	5 49
Cotton and cottonseed	farms \$1,000	-	_	-	_	-	-	-	_
Tobacco	\$1,000	-	-		-		-		-
Hay, silaga, and field seeds	\$1,000	242 1 047	74 277	166 643	87 402	65 247	108 342	341	122 487
Vegatables, swaat corn, and malons	\$1,000	2 (D)	7 49	(D)	-	(D)	5 9	(D)	3 (D)
Fruits, nuts, and barries	\$1,000	2 (D)	4 25	3 (D)	-	-	4 (D)		(D)
Nursery end greenhouse crops	farms \$1,000	(D)	7 (D)	(D)	-	1 (D)	(D)	(D)	179
Other crops		1 (D)	(D)	-	-	-	(D)	=	=
Livestock, poultry, end their products	ferms \$1,000	1 421 292 920	465 46 100	829 50 228	453 21 513	404 26 056	400 18 660	360 17 657	548 30 425
Poultry and poultry products		75 7 095	30 2 966	63 1 180	11 (D)	9 7	13 (D)	6 (D)	16 (D)
Dairy products		177 14 161	12 1 242	49 (D)	6 201	(D)	(D)	14 (D)	(D)
Cattle and calves	\$1,000	874 172 753	236 17 529	593 18 287	405 10 349	365 11 520	350 6 620	7 824	480 11 559
Hogs and pigs	farms \$1,000	1 033 90 857	268 23 937	465 27 845	207 10 469	166 7 383	182 11 017	8 832	253 16 345
Sheep, lambs, and wool		141	60	109	35	47 (D)	88 300	35	34 41
	\$1,000	7 895	186	364	256				

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

	J	. , ,	See introductory			· -			
ltem		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
FARMS AND LAND IN FARMS									
Land in farms	1982 acres, 1987 1982	931 1 020 310 528 329 711 334 323	512 616 253 325 269 185 495 437	1 034 1 146 407 277 411 238 394 359	635 731 237 374 242 322 374 331	1 308 1 449 352 714 385 292 270 266	1 021 1 227 432 885 462 903 424 377	540 663 215 376 229 605 399 346	796 927 341 137 358 608 429 387
Value of land and buildings1: Average per tarm	1982	318 815 589 216 1 032 1 844	221 006 386 623 466 883	506 516 761 317 1 288 2 150	420 514 575 629 1 124 1 825	223 874 384 988 847 1 340	321 505 474 363 757 1 233	379 322 674 900 1 025 1 990	554 328 819 206 1 232 2 234
Totel cropland	1982 acres, 1987 1982	878 969 271 092 278 599 865 955 201 807 244 088	496 594 198 610 210 487 479 583 109 739 146 164	992 1 100 378 029 375 351 986 1 095 308 203 359 905	618 706 220 632 222 055 613 697 175 330 209 131	1 247 1 392 285 437 302 276 1 211 1 376 213 328 256 448	969 1 188 385 822 405 710 950 1 155 273 011 354 617	515 637 200 587 210 622 505 633 155 506 196 916	779 901 320 919 330 034 773 898 259 133 319 009
Irngated lend	farms, 1967 1982 acres, 1987 1982	2 5 (D) (D)	1 (D)	3 3 (D) (D)	1 (D)	2 2 (D) (D)	24 26 (D) (D)	2 6 (D) 399	2 1 (D) (D)
MARKET VALUE OF AGRICUL- TURAL PRODUCTS SOLD									
Total sales (see text)		112 246	33 741	111 340 123 910	57 088 67 084	119 210	126 119 144 717	55 479 67 896	84 645 108 161
Average per farm	1982 dollars, 1987 1982	133 371 120 564 130 756	38 084 65 900 61 825	107 679 108 124	67 084 89 902 91 770	116 414 91 139 80 341	123 525 117 944	102 740 102 407	106 337 116 679
1987 sales by commodity or commodity group: Crops, including nursery and greenhouse									
crops	farms \$1,000	799 32 596	418 14 116	983 71 311	593 36 325	926 20 592	888 47 229	31 721	769 58 517
Grains Corn for grain Wheat Soybeans	\$1,000 farms \$1,000 farms \$1,000	785 31 513 658 17 921 42 70 704 13 374	409 13 628 351 6 949 17 27 372 6 630	977 70 812 938 34 854 3 (D) 957 35 847	581 35 923 549 20 646 2 (D) 553 15 127	885 18 421 785 14 337 3 (D) 376 3 513	877 46 082 809 28 889 14 (D) 708 16 247	492 31 382 467 17 414 - 471 13 836	769 58 375 737 30 230 2 (D) 742 28 022
Sorghum for grain Barley Oats Other grains	\$1,000 farms \$1,000 farms \$1,000	1 (D) - 105 144 3 (D)	- 1 (D) 22 (D) -	- - - 55 (D) 4 (D)	- - 79 (D)	15 (D) 312 539 1 (D)	1 (D) 149 392 34 506	74 105 3 28	57 (D)
Cotton and cottonseed	\$1,000 farms \$1,000 farms \$1,000	- - - 98 357 6 (D)	- - - 99 (D) 1 (D)	- - - 52 132 6 24	- - - - - - - - - - - - - - - - - - -	- - 301 2 109 2 (D)	- - - 127 595 2 (D)	- - - 62 153 2 (D)	45 136 2 (D)
Fruits, nuts, and berries Nursery and greenhouse crops Other crops	\$1,000 farms \$1,000	5 3 2 (D)	- - - - -	1 (D) 4 (D) 1 (D)	2 (D) 1 (D)	2 (D) 1 (D)	4 (D)	1 (D) 1 (D)	(D)
Livestock, poultry, and their products Poultry and poultry products Dairy products	\$1,000 ferms \$1,000	745 79 650 70 8 985 46 (D)	433 19 625 2 (D) 18 784	430 40 029 16 (D) 5 296	335 20 763 11 (D) 47 1 742	1 220 98 618 45 2 717 562 35 052	695 78 891 29 2 377 11 281	338 23 758 11 1 856 27 (D)	337 26 128 19 1 345 9 334
Cattle and caives	\$1,000_ farms_ \$1,000_ farms_ \$1,000_	423 11 778 565 56 418 109 697 40	406 11 636 158 7 019 40 161 20 (D)	187 5 031 256 19 564 45 153	144 3 673 240 15 113 46 119	1 089 26 023 694 34 062 81 414 36 351	502 49 281 418 25 507 51 252 28 1 193	193 6 781 229 13 691 47 107	139 8 856 208 15 183 58 141 18 268

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include ebnormal farms. For meaning of abbreviation	ons and symbols, see	introductory text]					
Item	lowe	Adeir	Adams	Allamakee	Appanoose	Audubon	Benton
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							• • • • • • • • • • • • • • • • • • • •
Cesh greins (011)	42 117 204	347	226 1 -	67 10 -	155 5 -	335	672 1 -
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	204	-	1	10	5	-	1
Vegetables and melons (016)	79 46 192 485	- - - 6	3	- 1 2 7	- 1 5	- - - 4	2 1 2 2
Livestock, except dairy, poultry, and animal specialties (021)	33 596 4 624	401 71	279 67	395 100	326 221	353 35	450 36
Dairy farms (024) Poultry and eggs (025) Animal specialties (027) General farms, primerily livestock and animal specialties (029)	4 136 400 209 1 187	9 - 1 8	4	355 1 3 25	18 -	6 2 3 3	28 4 1
FARMS BY SIZE							
1 to 9 acres19871982	3 645 3 382	26 26	20 14	37 24	10 6	37 19	45 45
10 to 49 acres	2 449 3 003 1 098	15 19 11	3 12 5	16 17 7	10 17 4	22 35 7	35 29
70 to 99 acres1982 1987	1 470 3 985	9 21	5 22	12 28	8 22	10 33	45 45 35 29 20 18 56 58
1982_ 100 to 139 ecres1987	5 117 5 238	44 46	12 19	33 54	20 35	39 47	67
1982. 140 to 179 acres	6 388 9 182 11 068	43 80 97	35 35 50	49 94 100	27 43 35	57 71	80 140
180 to 219 acres1987	5 967 7 356	45 63	34 45	83	54 48	107 51 52	167 97 101
220 to 259 acres	6 759 8 530	64 80	40 44	85 93	42 48	50 62	109 156
260 to 499 acres1987	24 800 28 306	235 287	163 196	313 336	148 161	236 276	354 429
500 to 999 acres	15 793 14 800 3 393	176 186 43	144 164 30	112 146	110 121	122 112	214 204
2,000 acres or more	2 787 321 307	39 10 3	19 2 2	35 34 2 2	30 21 3 2	25 21 5 4	41 33 2 1
TENURE OF OPERATOR							
Full owners farms, 1967 1982	30 177 35 753	322 394	229 260	449 492	266 252	271 337	385 479
acres, 1987 1982	6 820 684 8 428 185	81 959 103 445	71 968 84 295	125 060 148 903	77 503 81 717	57 634 83 443	82 766 114 522
Part owners	33 211 38 482 17 068 588 18 944 527	327 349 208 324 190 608	209 215 120 356 107 424	290 324 132 438 143 410	183 200 104 021 97 444	274 276 147 543 145 170	454 518 218 945 232 999
Tenants farms, 1987	19 243	123	79	127	62	161	341
1982 acres, 1967 1982	21 277 6 268 927 6 013 582	153 47 067 48 623	123 33 777 50 359	131 40 542 41 062	62 24 114 21 374	181 52 896 49 791	324 105 457 83 267
OPERATOR CHARACTERISTICS							
Operators by place of residence: On ferm operated1987	63 692	603	407	725	404	527	912
1982 Not on farm operated1987	72 295 14 906 13 713	718 142	462 95	805 106	388 82	606 137	1 018 210
Not reported	13 713 4 033 7 504	132 27 48	81 15 55	90 35 52	85 25 41	116 42 72	191 58 112
Operators by principal occupation: Farming	87 738	648					
1962 Other1887	79 106 14 893	772 124	421 527 96	776 856 90	399 400 112	582 691 124	932 1 085 248
Operators by days of work off farm:	14 406	124	71	91	114	103	236
None	45 847 50 848	434 495	256 316	584 598	278 253	410 434	647 729
1982	30 921 33 168	271 325	219	227 254	189 205	246 265	450 470
1 to 49 days	8 561 11 829 2 947	92 139	69 66 30	72 110 19	29 48 15	71 100	117 157 31
100 to 149 days	2 921 2 955 2 418	26 27 13 20	30 30 22 21	15 15 22 15	15 11 20 12	21 31 27 18	31 49 39 31

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

Item	Black Hawk	Boone	Bremer	Buchenan	Buena Vista	Butler	Celhoun
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
	504	504	389	517	592	539	664
Cash grains (011) Field crops, except cash grains (013) Cotton (0131)	581 2	581 4	1	1		1	664 2
Tobacco (0132)	-	-	-	-	-	-	-
field crops, except cash grains, n.e.c. (0133, 0134, 0139)	2	4	,	1	_	1	2
/egetables and melons (016)	3	1	-	3	-	5	-
Horticultural specialties (U19)	11 3	4 2	1 5	1 9	- 3	1 6	-
General ferms, primarily crop (019)		-					
specialties (021) Beef cattle, except feedlots (0212)	295 12	191 10	248 14	409 9	358 8	423 23	190
Deiry farms (024)Poultry and eggs (025)Animal specialties (027)	34 9	7 5	160	104 4	3 21	42 7	2
Animel specialties (027)	5	1	2	2	2	2	2
specialties (029)	25	1	40	46	6	39	1
FARMS BY SIZE							
1 to 9 acres1987	57	21	48	39	47	57	25
1982 10 to 49 scres	54 49 47	30 23 31	36 34 30	36 52 43	41 19 24	64 45 60	26 30 13 26 13 50 50 57
50 to 69 acres	21 31	10	23 26	21 41	5	8 21	1
70 to 99 acres1997	92 115	53	49 108	97 93	42 52	53 72	50
100 to 139 acres1987	65	57	112	140	39	95	
1992 140 to 179 acres1987	93 136 137	74 71 98	138 125 141	138 162 167	52 131 156	104 146 173	92
1992 190 to 219 acres	69 77	55 80	78 112	70 101	44 52	81 93	50
220 to 259 acres19871992	56 79	49 53	79 95	68 90	95 114	119 147	41 68 92 103 50 64 61
260 to 499 acres1987	230	230 291	205	248 306	326 384	294 355	285 370
1982 500 to 999 acres	242 151 135	179 169	239 78 74	163 118	205 179	155 104	202
1,000 to 1,999 acres19871992	33	45 32	19	34	29 20	23 19	179 32 27
2,000 acres or more19871982	1 4	4 3	2	1 3	2	2	-3
TENURE OF OPERATOR							
Full owners farms, 1997 1992	364 435	235 271	334 455	460 498	271 302	383 502	230 253 45 330
acres, 1997 1992	57 186 74 942	51 001 59 968	53 448 76 919	85 569 95 833	57 905 68 738	71 711 97 425	45 330 54 012
Part owners farms, 1997	399 394	376 440	305 350	375 423	420 484	422 413	389 420
1982 acres, 1987	179 530 175 751	208 689 202 879	125 832 123 556	177 696 176 029	210 857 209 360	190 793 161 130	203 101 193 086
1982 Tenants farms, 1987	207	196	210	260	292	260	240
1992 acres, 1887	207 59 973	210 64 679	194 44 006	233 83 419	293 84 930	299 67 921	98 026
1992	45 505	60 472	39 058	52 950	79 836	68 931	99 539
OPERATOR CHARACTERISTICS							
Operators by place of residence: On farm operated1997	734	614	685	849	749	974	83 ⁻
1992_ Not on farm operated1987_	796 181	705 159	917 128	925 195	929 179	950 141	720 184
1982 Not reported1987	162 44	153 25	116 36	159 52	193 46	169 50	83° 720 184 176 50
1982 Operators by principal occupation:	78	63	66	70	88	95	120
Farming1987	672 720	640 758	641 765	995 958	825 930	972 979	746 888
Other1987 1982	297 316	157 163	209 234	200 196	148 149	193 235	111 130
Operators by days of work off farm:		447		566	552	591	45
None1997 1992 Any1997	446 469 463	505 315	444 467 349	601 449	833 354	627 395	540 340
1982	492	327	451	453	348	476	347
1 to 49 days1987 1982	97 99	87 107	65 129	129 134	124 139	107 167	100 144
50 to 99 deys1987 1982	35 28	26 30	22 32	42 38	31 29	45 32	144 44 36 53
100 to 149 days1987	28 28 35	29 22	24 35	38 34	28 31	38 34	5: 34

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

Item							
item	Carroll	Cess	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	527	419	473 6	531	494	379 1	127 4
Cotton (0131) Tobacco (0132)	-	<u> </u>	-	-	-		-
Sugarcane and sugar beets; Insh potetoes; field crops, except cash greins, n.e.c.							
(0133, 0134, 0139)	-	1	6	2	-	1	4
Vegetables and melons (016)	- 2	-	2	1 2			-
General farms, primarily crop (019)	2	ė	2	3	i	5	1
Livestock, except dairy, poultry, and animal specialties (021)	636 29	331 53	460 28	190 5	412 28	298 25	310 113
Beef cattle, except feedlots (0212)	5	8	14	10	15	91	3
Poultry and eggs (025)	2	-	1	8 3	1	3	-
General farms, primarily livestock and animal specialties (029)	5	6	8	3	14	42	2
FARMS BY SIZE							
1 to 9 ecres1987	82 67	34 28	41 47	28 39	47 55	30 39	13 3
1982. 10 to 49 acres	36 48	19 21	25 36	27 35	24 34	27 31	7
50 to 69 acres1987 1982	12	3	9 23	9	7 5	16 18	5
70 to 99 acres	39 53	26 25	47 71	40 51	41 49	52 56	14 24
100 to 139 acres1987	93 91	42 50	58 93	32 51	43 57	63 87	16 27
140 to 179 acres	144 194	78 84	130 159	68 85	93 129	100 124	31 42
180 to 219 ecres1987 1982	87 125	49 68	75 98	37 61	67 94	76 91	25 31
220 to 259 acres1987 1982	124 138	73 102	67 96	56 80	75 89	67 78	36 46
260 to 499 acres1987 1982	364 392	221 272	309 334	226 268	341 383	253 265	150 167
500 to 999 acres19871982	174 134	176 182	179 141	186 141	170 151	118 98	116 123
1,000 to 1,999 acres	25 19	47 32 5	27 32 1	39 42 5	31 18	20 30 2	123 28 22
2,000 ecres or more1987	1	6	-	8	-	3	3
TENURE OF OPERATOR							
Full owners 1arms, 1987 1982	409 484	270 318	358 457	214 292	273 368	337 408	198 242
ecres, 1987 1982	71 898 97 953	62 335 83 775	73 003 95 581	49 106 72 207	61 931 87 796	76 912 83 493	65 575 75 86 3
Pert owners farms, 1987 1982	457 452	320 354	369 410	336 379	392 413	319 343	193 183
ecres, 1987 1982	193 131 172 130	193 170 184 970	177 999 178 871	184 326 194 402	187 709 173 141	140 8 14 152 169	113 571 106 234
Tenents terms, 1987 1982	314 344	183 212	241 263	203	274 283	168 169	56 81
acres, 1987 1982	95 966 88 916	68 223 67 423	84 786 67 583	78 794 55 756	82 329 72 212	44 410 41 879	22 173 28 822
OPERATOR CHARACTERISTICS							
Operators by place of residence: On farm operated1987	885	571	761	541	735	647	364
1982_ Not on term operated1987	975 218	678 172	892 171	632 168	837 151	712 133	405 64
Not reported1982	183 77	133 30	147 36	159 44	136 53	124 44	364 405 64 74 19 27
Operators by principal occupation:	122	73	91	83	91	84	384
Farming	1 008 1 114 172	636 765 137	829 985 139	611 713 142	798 953 141	667 752 157	421 63
1982	166	119	145	161	iii	168	85
Operators by days of work off ferm: None	676	452	576	424	557	475	243 266
1982 Any	713 437 419	513 262 280	685 326 332	460 279 324	606 324 335	483 298 332	266 165 195
1982 1 to 49 days1987	145	82	101	67	98	72	42 59
1982 50 to 99 days1987	196 52	106 22	127 34	112	127 40	94 33	59 14 24
1982 100 to 149 deys1987	30 35	24	28 29	18 26	34 31	24 16	12

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Deta for 1987 include abnormel farms. For meaning of abbreviation:	s and symbols, see	Introductory text)		·			
Item	Clay	Clayton	Clinton	Crawford	Dalles	Devis	Decatur
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)Field crops, except cash grains (013)	511	192	550	523	535	143	134 8
Cotton (0131)	-	-	-	-	=	=	-
Sugercane and suger beets; Irish potatoes; field crops, except cash grains, n.e.c.				Ì			
(0133, 0134, 0139)/egetables and melons (016)	-	10	-	1	2 2	2	6
ruis and tree nuts (017) Horticultural specialties (018)		1 2	3		3 7		
General farms, primarily crop (019)	3	30	5	8	2	10	2
ivestock, except dairy, poultry, and animal specialties (021)	222 14	588 91	541 35	548 60	166 24	332 156	289 167
Dairy farms (024)	6	484 6	34	11	5	35 10	
Poultry end eggs (025) Animel specialties (027) Generel ferms, primarily livestock and animal	2	2	3	1	7	12	
specialties (029)	1	68	8	9	-	9	ä
FARMS BY SIZE							
1 to 9 acres1987	38 26	63 39	46 50	73 42	25 32	15 9	6
10 to 49 acres	16 30	24 33	43 43	51 70	29 45	14 14	11
50 to 69 acres	3 8	23 22	16 24	10 19	16 23	10 18	16
70 to 99 acres1967 1982	34 48	62 75	65 75	36 63	55 84	27 27	16 15
100 to 139 acres1987	26 52	115 119	92 132	55 73	50 55	35 58	19 20
140 to 179 acres1987 1982	84 105	158 180	131 155	122 137	58 82	51 48	36 42
180 to 219 acres1987	40 45	158 193	112 127	72 110	48 51	51 39	19 20 36 42 30 29 29
220 to 259 acres1987 1982	46 79	136 129	91 110	101 133	52 73	37 53	29 33
260 to 499 ecres	240 306	424 443	336 386	329 423	183 248	152 167	125 180
500 to 999 acres1987 1982	193 187	193 169	185 165	210 198	160 175	114 129	117 119
1,000 to 1,999 acres1987 1982	33 36	24 30	29 36	42 31	51 42	29 39	38 42
2,000 acres or more	2	3 1	-	3 2	8 6	8 4	14 14
TENURE OF OPERATOR							
Full owners farms, 1987	223 250	717 769	426 551	432 535	234 264	305 333	212 227
ecres, 1987 1982	46 849 58 393	167 093 184 444	84 011 110 970	93 944 116 448	56 428 64 726	92 217 100 057	78 322 103 253
Part owners farms, 1987	335	404	415	398	313	192	166
1982 ecres, 1987	390 192 541	430 181 567	193 808	482 210 175	379 179 608	225 118 988	198 123 116
1982 	200 254 197	179 524 262	217 564 305	214 7 5 5 274	193 585 188	129 599 48	135 285 68 87
1982 ecres, 1987 1982	283 70 678 84 611	234 74 160 62 018	257 85 524 62 051	304 88 287 86 761	233 73 813 74 529	47 13 070 15 232	41 307 35 601
OPERATOR CHARACTERISTICS							
Operators by place of residence: On tarm operated	583 707	1 146 1 207	861 1 027	836 982	538 677	462 502	332 380
Not on farm operated	141 157	187 138	226 186	204 198	165 161	55 57	332 380 96 82 16
Not reported1987 1982	31 59	50 88	59 90	64 121	32 58	28 46	16 50
Operators by principal occupation:	647	1 189	922	915	552	407	329
Other 1982 - 1987 - 1982 - 1987 - 1982 - 1982 - 1987 - 1982 - 198	816 108 107	1 290 194 143	1 102 224 201	1 091 189 210	697 183 199	497 136 108	419 117 93
Operators by days of work off farm:	458	940	577	601	345	248	209
1982 Any1987	530 239	917 369	689 487	660 411	449 339	285 248	249 208 208
1982 1 to 49 days1987	306 82	400 98	489 134	499 109	369 69	262 60	
1982_ 50 to 99 days1987_	127 17	168	161 50	179 40	96 34	76	52 70 13 20 15
1982 100 to 149 deys1987	32 11	27 33 25	37	47 29	36 31	21 20 23	20 15
1982	28	19	42 40	33	27	24	1

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

[Data for 1987 include abnormel ferms. For meaning of ebbreviation	s and symbols,	see introductory to	extj					
Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) Field crops, except cash grains (013)	232	349	329	102	399	474	518 2	592
Cotton (0131) Tobacco (0132)	= 1	-	-		-	-	-	-
Sugarcane and sugar beets; Irish potetoes; field crops, except cash greins, n.e.c.								
(0133, 0134, 0139)	4	1 1	-	7	1	5 2	2	- 2
Fruits and tree nuts (017) Horticultural specialties (018)	- 1	3	- 3	- 5	-	1 1	- 4	=
General ferms, primerily crop (019)	13	1	2	22	2	13	6	2
specialties (021) Beef cattle, except feedlots (0212)	695 15	148 23	141 11	748 74	117	477 58	212 13	268 5
Dairy farms (024) Poultry and eggs (025) Animal Specialties (027)	254 2	10	10	449	- 1	259 4	20 5	7 11
Animal specialties (027) General farms, primarily livestock and animal specialties (029)	- 77	2 3	1	48	-	2 62	- 10	2
	"		<u>'</u>	40	2	02	"	11
FARMS BY SIZE								
1 to 9 acres	67 56 36	11 17	25 23 17	75 42	11 10	61 53	28 30	50 40
1982_ 50 to 69 acres1987_	28 13	5 18 6	14	59 69 31	17 15 7	34 45 19	27 34 12	26 43 9
70 to 99 acres1982	28 67	11 29 33	2 5 35	32 69	9 15	15 85	18 51	15 40
1982 100 to 139 acres1987	75 112	45	22 16	89 140	20 13	85 106	52 51	53 48
1982140 to 179 acres1987	113 222	58 62	26 42	140 255	25 39	114 168	63 74	47 81
1982 180 to 219 acras	247 146 151	60 43 61	66 15 24	269 217 237	76 21 27	173 120 146	100 51 60	108 50 81
220 to 259 acres	130 153	39 43	32	125 139	33 36	114 116	67 75	77 97
260 to 499 acres19871982	338 335	159 174	160 198	319 326	195 250	390 398	220 261	285 370
500 to 999 acres1987	125 126	89 84	119 120	84 83	145 146	154 174	161 142	188
1,000 to 1,999 acres	22 15	25 20 5	34 30	9 7	24 11 2	46 41 3	31 29 4	160 37 28 4
1982	-	4	1	i	3	3	2	6
TENURE OF OPERATOR								
Full ownersfarms, 1987	822 712	184 228	143 159	774 819	117 165	594 635	241 286	2 66 352
acres, 1987 1882	132 710 144 083	43 745 61 584	28 741 45 284	141 625 163 485	26 48 7 42 83 7	116 440 135 875	50 820 57 241	63 493 86 882
Part ownersfarms, 1987	348 380	228 247	210 242	350 372	210 254	448 489	362 407	363 415
acres, 1987 1982	143 023 148 864	118 604 125 590	115 027 125 233	119 057 113 369	118 583 130 411	217 431 224 056	186 259 189 212	188 274 196 947
Tenantsfarms, 1987	308 235	106 108	144 169	260 243	195 209	258 239	174 173	266 281
acres, 1987 1982	67 489 52 201	35 720 26 301	61 987 54 107	54 407 47 343	79 004 68 228	75 747 61 540	49 436 44 962	89 357 78 713
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated1987	1 073	389	377	1 176	420	1 052	571	696
1982_ Not on farm operated	1 123 1 151	436 97	435 93	1 178	462 82	1 122	683 164	807 161
Not reported1987	123 54	105 32	94 27	136 64	114	146 56	130 42	144 38 97
Operators by principal occupation:	81	42	41	120	52	95	53	
Ferming	1 131 1 210 147 117	382 449 136 134	433 499 64 71	1 179 1 227 205 207	474 568 48 60	1 088 1 166 212 197	621 719 156 147	760 910 135 138
Operators by days of work off ferm:				ļ				
None	804 820 371	259 271 217	269 328 182	883 823 419	318 365 164	803 783 413	419 442 321	516 576 315
1982	370	257	187	452	189	442	345	353
1 to 49 days1987 1982 50 to 99 days1987	118 146 31	39 70 17	68 82 16	85 129 31	62 74 15	120 168 22	85 121 28	83 131 37
1982 100 to 149 days1987	27 23	19 14	13 15	49 27	19 17	33 40	22 24	29 34
1982	37	17	19	41	25	28	33	21

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal ferms. For meaning of abbreviat	ions and symbols	see introductory	text]	1	1			
Item	Fremont	Graena	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) Field crops, except cash grains (013) Cotton (0131) Tobacco (0132)	434 1 -	647 2 -	577 1 -	409 2 -	693 - -	634 1 -	577 - - -	576 - - -
Sugarcane and sugar beets; irish potatoes; field crops, excapt cash grains, n.e.c. (0133, 0134, 0139)	1	2	1	2	_	1	_	-
Vegetables and melons (016)	2 2	1 1 2	- - - 4	- - 3	- - 1	- - 1	2 4 2	2 1 2
General farms, primarily crop (019) Livestock, except dairy, poultry, and animal specialties (021) Beef cattle, except feediots (0212)	132 26	123	294 12	310 89	210	265 9	321 19	231 49
Dairy farms (024)	2	-	20 2	4	26	18 3	1 5	4 -
Poultry and eggs (025) Animal specialties (027) General farms, primerily livestock and animal specialties (029)	2	1	10	5	9	6	7	8
FARMS BY SIZE								
1 to 9 acres19871982	24 12	25 34	55 59	23 20	40 38	35 39	65 61	25 18 16 19 6
10 to 49 acras	16 9 6	16 17 6	19 38 11	18 29 14	16 34 11	11 20 5	20 28 8	19
1982_ 70 to 99 acres1987	7 26	8 23	12 45	11 28	8 43	10 34	15 46	9 24 31
1982 100 to 139 acres1987	27 23	37	64 50	46 52	67	53 34	56	
1982 140 to 179 acres 1987	28 49	26 33 77	60 150	57 80	66 85	46 141	55 82	54 48 69 74 46 74 53 84
1982 180 to 219 acres 1987	55 28	88 49	174 48	88 53	96 62	180 46	117 75	74 46
1982_ 220 to 259 acres1987 1982	37 27 44	67 45 59	78 106 125	55 45 69	79 65 95	76 73 123	77 70 104	53 84
260 to 499 ecres 1987	146	251	237	210	286	324	264	249
1982_ 500 to 999 acres1987 1982_	187 161 178	322 209 198	250 146 119	281 170 153	335 190 181	358 199 156	322 192 150	315 221 228
1,000 to 1,999 acres	65 46	47	36 27	36 30	34	26 22	34 35	221 228 54 46 8
2,000 acres or more1987 1982	7 5	5 3	5 7	6 2	4 2	ā	7	8 5
TENURE OF OPERATOR								
Full ownersfarms, 1987 1982 acres, 1987 1982	194 182 45 802 59 334	195 276 44 009 70 597	256 325 42 300 57 434	298 343 75 423 80 059	231 258 46 740 59 068	243 331 50 119 66 361	278 323 52 620 69 537	304 346 81 661 111 846
Part ownersfarms, 1987	246	354	352	285	386	405	398	328
1982 acres, 1987 1982	292 174 983 170 800	389 207 888 206 777	382 182 288 177 630	315 168 369 172 662		438 197 133 193 914	417 197 678 203 228	363 213 205 193 545
Tenantsfarms, 1987	138	230	300	152	264	280	245	193
1982 acres, 1987 1982	78 192 70 145	235 94 330 74 739	306 91 636 82 317	183 53 749 55 432	94 228	93 338 87 614	287 82 884 76 333	242 79 939 89 707
OPERATOR CHARACTERISTICS								
Operators by place of residenca: On farm operated	393	548	662	543 604	638 747	712 847	699 778	593 712
1982 Not on farm operated	447 156 136	648 192 183	782 209 151	157 157	206 201	175 165	182 173	184 143
Not reported	29 52	39 69	37 80	35 80	37	41 74	40 76	48 96
Operators by principal occupation:	495	668	726	579	719	800	754	694
1982 Other	564 83 71	767	842 182 171	694	909 162	973 128 113	842 167 185	832 131 119
Operators by days of work off farm: None1987	352	445	481	373	473	497	506	475
1982 Any1987	381 188	471 285	497 370	440 286	578 344	597 367	561 366	566 286
1982 1 to 49 days1987	188	335	414 120	316 56	1	388 107	394 106	282 98
1982_ 50 to 99 days19871987	72 23 26 17	137	165 34	93 26	151	208 49	144 30	103 22 31 30
1982	26 17 7	32 24 15	32	1 28	34 32	37 27 20	37 33	31 30 16

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Date for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jefferson
1987 FARMS BY STANDARD	THERTY	Howard	Humboldt	ida	IOW4	Jackson	Jasper	Jenerson
INDUSTRIAL CLASSIFICATION								
Cash grains (011)Field crops, except cash grains (013)	314	357	526	335	345	161	590	258
Field crops, except cash grains (013)	-	1	2	- [3	4	6	_
Tobacco (0132)	-	-	-	-	-1	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c.							į.	
(0133, 0134, 0139)	-	1	2	-	3	4	6	-
Vagetables and malons (016)	-			- 1	11	ī	1	
Horticultural specialties (018)	1 3	2	1	-	1	1	ż	2
Livestock, except dairy, poultry, and animal	3	*	-	*	6	13	6	-
specialties (021)	257	276	145	333	466	662	475	252
Beef cattle, except feedlots (0212)	36 6	18 104	3 3	17	56 18	150 150	47	43 7
Poultry and eggs (025) Animal specialties (027)	16	2	ž	2	2	2 7	11 4	_
Animal specialties (027)	5	1	-	7	2	7	1	3
specialties (029)	5	33	6	3	5	18	11	2
FARMS BY SIZE								
1 to 9 acres	30	29	23	31	22	41	59	19
1982 10 to 49 acres1987	27 16	33 26	32 12	27 31	32 28	36 39	57 38	19 9
1982 50 to 69 acres1987	26 13	36 6	19 5	25 8	40 9	54 17	59 21	18
1982_ 70 to 99 acres 1987	15 25	10	23	2 24	18 39	21	18	18 10 13 27 32
1982	43	41 48	49	37	49	40 57	47 73	
100 to 139 acres	40 46 63	44 58 122	27 31 83	31 43 76	66 81 82	66 93 120	67 82 114	41 56
1982_ 180 to 219 acres1987_	63 39	157 64	101	96 42	104 75	140	121	67 34
1982 220 to 259 acras1987	60 48	72 83	44 54	47 61	81 92	119	95 62	56 42 67 34 56 34 56
1982 260 to 499 acres1987	67 188	95 218	56 242	70 214	92 257	105 310	92 347	56 162
1982 500 to 999 acres1987	246 115	252 114	274 149	283 141	283 147	346 163	406 224	189
1982	101	97	142	137	151	150	224	116 119
1,000 to 1,999 acres19871982	20 18	31 27	25 21	29 10	26 32	20 16	52 41	27 26
2,000 acres or more	-	3	3	1 -	6 4	2	1 5	3 2
TENURE OF OPERATOR								
Full owners	239	369	175	190	354	514	387	227
1982	267	454	225	272	432	622	483 86 641	283
acres, 1987 1982	56 093 58 414	84 191 98 881	40 484 54 843	49 631 69 642	94 649 125 714	121 160 137 561	103 051	62 830 72 814
Part ownersfarms, 1987	260	289	292	290	329	341	458	230
1982 acres, 1987	320 121 653	292 136 629	308 148 912	288 142 706	347 175 749	340 150 767	496 238 714	259 125 435
1982	121 653 135 975	133 325	141 288	126 397	175 990	145 757	242 963	125 713
Tenantsfarms, 1987	108 125	122 142	218 245	209 217	166 188	164	262 294	67
ecres, 1987 1982	31 027 30 628	38 844 38 038	83 144 76 659	62 208 59 682	46 182 50 244	176 47 246 46 406	85 348 87 661	111 24 398 32 273
OPERATOR CHARACTERISTICS								
Operators by place of residence:				İ				
On farm operated19871982	461 549	631 728	489 580	503 577	665 766	826 902	865 992	401 507
Not on farm operated1987 1987	114 109	122 108	154 135	577 141 123	144 128	138 143	202 177	86 92
Not reported	32 54	27 52	42 64	45 77	40 73	55 93	40 104	86 92 37 54
Operators by principal occupation: Farming1987	473	668	564	569	718	813	890	426
1982 Other1987	593 134	763 112	659 121	682 120	799 131	928 206	1 059 217	509 98
Operators by days of work off farm:	119	125	120	95	168	210	214	144
None1987	302 379	452 525	355 395	403 431	499 536	589 610	596 681	274 309
Any 1987 - 1982 -	261 262	277 289	263 321	244 241	295 346	367 433	445 471	211 297
1 to 49 days	65 76	84 86	68 115	57 105	78 101	75 128	116 162	64 79
50 to 99 days	26 25	23 34 38 30	37 52 25 23	35 23	26 29 29 29 22	15 40	43 37	79 15 28 16
100 to 149 days	13	27	25	15	52	38	33 32	20

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviation	ns and symbols, so	ee introductory to	ext]					
ltem	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011) Field crops, except cesh grains (013) Cotton (0131) Tobacco (0132)	360 3 - -	303	356 1 - -	1 122 3 - -	250 1 - -	580 2 - -	296 1 -	105 1 - -
Sugarcane and sugar beets; Insh potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	3	-	1	3	1	2	1	1
Vegetables and melons (016)	1 3 4 8	- - - 6	1 - 6	- - 1	3 1 3 2	9 2 10 9	2 4 1 4	- - - 5
Livestock, except dary, poultry, and animal specialties (021)	501	507	403	399	317	414	172	261
	42	60	18	14	52	48	9	120
Dairy farms (024) Poultry and eggs (025) Animal specialities (027) General farms, primarily livestock end enimal specialities (029)	50 15 4 18	95 1 2 15	4 1 - 1	25 7 - 17	24 1 5	55 8 21	4 2 1 -	6 2 1
FARMS BY SIZE								
1 to 9 acres	42	34	29	51	19	38	12	11
	31	28	33	61	17	36	13	7
	43	38	15	37	16	61	19	9
1982	68	50	30	30	22	63	17	13
50 to 69 acres1987	19	11	13	10	9	30	4	4
70 to 99 acres	27	24	19	14	16	48	8	7
	79	48	19	47	25	97	18	15
	86	47	53	64	34	141	43	16
100 to 139 acres	121 149	72 99	56 73	53 67	34 58	135 147	27 38	12
140 to 179 ecres 1987 1982	90	106	45	211	65	146	37	26
	120	118	74	260	94	175	45	33
180 to 219 acres1987 1982 220 to 259 acres1987	85 104 77	81 118 89	45 70 68	84 124 146	53 63 37	100 95 77	35 46 54	36 26 33 33 45 36
1982	97	103	101	197	58	88	54	38
260 to 499 acres1987	250	255	257	579	199	232	153	
1982 500 to 999 acres1987	303 130	327 167	292 175	619 287	236 115	292 159	154 100	125 153 80 94 27 24
1,000 to 1,999 acres1987	124	139	172	247	96	145	121	94
	30	25	46	65	34	32	27	27
2,000 acres or more	23 1 3	24 3 1	30 5 5	52 4 12	31 2 1	23 3 4	19 1 2	4 3
TENURE OF OPERATOR								
Full ownersfarms, 1987	390	405	296	397	269	487	166	173
1982	515	492	407	489	326	555	202	237
acres, 1987	74 110	93 243	86 239	88 155	64 071	82 726	44 420	49 424
1982	94 548	113 160	105 380	125 150	81 689	97 858	52 758	72 257
Part ownersfarms, 1987	386	323	351	689	273	424	220	153
1982_	420	353	368	706	295	458	239	187
acres, 1987_	162 865	159 808	197 543	356 090	147 776	188 626	113 640	99 707
1982_	170 014	153 468	175 629	328 437	139 223	185 613	110 064	97 753
Tenants	191	201	126	488	66	199	101	56
	200	233	177	552	105	244	119	45
	47 810	55 308	41 171	147 127	19 303	55 847	31 977	22 470
1982 OPERATOR CHARACTERISTICS	47 072	58 142	53 656	152 954	23 712	61 971	39 131	19 046
Operators by place of residence:								
On farm operated1987 1982	752 897	724 851 175	608 700	1 215 1 333	485 559	893 994	375 431	309 393
Not on farm operated	152	175	117	292	103	188	80	61
	152	156	156	277	103	170	79	40
	63	30	48	67	20	29	32	12
1982 Operators by principal occupation:	86	71	96	137	64	93	50	36
Farming1987	770	766	644	1 352	457	812	408	304
	924	914	801	1 568	549	922	464	379
Other1987	197	163	129	222	151	298	79	78
1982	211	164	151	179	177	335	96	90
Operators by days of work off farm: None	518	549	463	885	324	535	276	204
	575	609	528	992	378	611	317	244
Any	390	326	245	584	248	495	172	149
	450	378	311	567	304	547	191	167
1 to 49 days1987	93	78	67	193	42	99	50	39
1982	141	138	107	250	75	115	56	49
50 to 99 days1987	36	43	24	71	17	39	17	11
1982	31	29	32	62	16	44	19	8
100 to 149 days1987	28	17	17	66	30	37	15	14
1982	26	18	18	40	24	38	15	11

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For maaning of abbraviations and symbols, see introductory text]

[Data for 1987 include abnormal farms. For meaning of abbreviation	ns and symbols, se	ee introductory t	ext]	1				
Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchall	Monona
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)Field crops, axcapt cash grains (013)	472 3	317 3	405	322	526	342 1	348	470 1
Cotton (0131)	-	-	-	=	-	=	-	-
field crops, except cash grains, n.e.c. (0133, 0134, 0139)	3	э	-	2	1	1	1	1
Vegetables and melons (016)	2 -	2 1 1	1 - 2	- 1 6	- 6	1 - 1	2 -	1 -
General farms, primarily crop (019) Livastock, axcapt dairy, poultry, and animal	4	7	4	1	5	-	4	3
specialties (021) Beef cattle, except feedlots (0212)	537 45	296 89	507 41	379 67	285 35	135 17	319 15	218 37
Dairy farms (024) Poultry and eggs (025)	57 1	1 3	18 6	19 3	6	-	55 17	2
Animal specialties (027) Ganaral farms, primarily livestock and animal specialties (029)	28	1	- 8	2	3	-	21	1
Specialities (029)	26	-		4	3	'	21	3
FARMS BY SIZE								
1 to 9 acres1987 1982	77 76	26 25	51 44	42 35	42 47	13 17	52 30	22 18
10 to 49 acras	30 31	18 30	28 41	29 35	25 18	12 18	26 34	6 9 8
50 to 69 acres	15 13 47	11 12 30	26 20 49	16 15 42	15 23 46	8 1 11	9 7 38	10
1982 100 to 139 acras1987	75 40	42 46	49 75	51 55	56 52	27 31	39 38	22 27
1982_ 140 to 179 scres 1987_	38 176	58 55	85 86	77 81	51 84	30 34	58 75	39 43 57 69 35 43 53
1982 180 to 219 acras1987	246 65	61 33	120 79	77 52	109 50	41 23	104 51	69 35
1982 220 to 259 acres	76 105 124	53 54 61	79 75 87	53 47 63	77 75 80	23 24 35 39	57 74 98	43 54
260 to 499 acres 1987	375	180	292 355	221 283	217 284	131	248 294	187
500 to 999 acras	421 151 134	237 135 142	163 148	126 127	187 157	152 138 130	132	227 177 204
1,000 to 1,999 acres1987	24 13	39 33 5 5	25 19	27 21	44 35	38 45	23 16	204 78 61
2,000 acres or more 1987 1982	2	5	3	1 -	2 4	7 3	2 2	14 10
TENURE OF OPERATOR								
Full ownersfarms, 1987	317	256	389	318	287	166	301	220
1982 acres, 1987 1982	415 58 664 83 322	299 60 980 68 312	82 650 90 244	334 69 307 68 855	327 60 680 75 181	174 47 519 56 310	343 61 430 80 807	221 63 045 73 293
Part ownersfarms, 1987	486	269	358	281	362 379	200	318	273 330
1982 acras, 1987 1982	494 194 918 189 044	327 159 406 175 308	399 164 900 172 305	352 140 915 150 108	196 744 186 944	218 134 215 131 638	325 156 881 137 108	200 332 208 292
Tanantsfarms, 1987	302 340	107 133	204	140 151	190 235	115 135	147 180	206 223
acres, 1987 1982	84 825 79 560	40 323 43 045	63 961 62 150	42 495 48 676	60 207 65 781	54 938 53 259	41 667 46 312	101 426 85 417
OPERATOR CHARACTERISTICS								
Operators by place of rasidanca:								
On farm operated1987 1982 Not on farm operated1987	865 980 162	459 563	741 817	570 642 131	644 747 156	346 393 105	607 654 124	465 522 195
Not reported	133 78	136 151 37	146 142 64	124	131	75 30	114 35	196 39
1982 Operators by principal occupation:	136	45	91	71	63	59	80	56
Farming 1987 1982	948 1 111	475 580	780 929	540 653	682 772	413 460	622 752	600 687
Other 1987 1982	157 138	157 179	171 121	199 184	157 169	68 67	144 96	99 87
Operators by days of work off farm: None	649	318	496	373	466	279	426	388
1982 Any	696 381 412	377 264 326	594 362 321	433 329 322	463 324 387	301 163 155	480 297 270	435 260 252
1 to 49 days 1987	119	67	105	63	100	51	95	90
1982 50 to 99 days	196 40 38	88 22 32 15	118 38 38	78 21 25	146 29 20	61 14 10	114 34 25	112 33 23 15
100 to 149 days	24 24	15 27	28 21	25 27 21	24 30	24	18	15 19

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

Date for 1987 include abnormel ferms. For meaning of abbreviations	and symbols,	see introductory t	extj					
Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)Field crops, except cash grains (013)	117 3	334 1	311 2	618	419	432	568	615 3
Cotton (0131) Tobecco (0132)	-	-	-	-	-	-	-	-
Sugarcene end suger beets; Irish potatoes; field crops, except cesh grains, n.e.c.								
(0133, 0134, 0139)	3	1	13	-	-	-	-	3
Vegetables and melons (016) Fruits and tree nuts (017)	-	- 1	- 6	-	- 2	-	- - 1	
Horticulturel specialties (018) General farms, primarily crop (019)	6	5	12	4	-	6	3	7
Livestock, except dairy, poultry, and animal specialties (021)	290	213	241	437	197	317	215	803
Beef cattle, except feedlots (0212)	164	45 3	21	26 22	7 15	44 6	5 9	53 17
Poultry end eggs (025) Animel specialties (027)	3	1	1	2 4	2	2	4	
General farms, primarily livestock and animal specialties (029)	9	1	5	24	25	1	7	16
FARMS BY SIZE								
	44	45		0.7				
1 to 9 acres	11 7	15 22	15 16	67 77	33 32	19 15	32 28	65 59
10 to 49 acres	7 8	13 14	22 31	38 25	16 10	15 22	14 15	51 42
50 to 69 acres1987 1982	4 6	7	10 20	7 7	5 1	10 10	8 6	16 23 73
70 to 99 acres 1987 1982	19 20	24 28	30 56	72 72	26 47	37 32	33 50	90
100 to 139 acres 1987 1982	22 36	32 30	37 61	53 49	19 30	34 50	32 54	64 89
140 to 179 acres 1987 1982	33 32	40 46	86 93	129 189	105 117	68 75	95 87	180 199
180 to 219 acres 1987 1982	26 31	43 48	47 51	55 72	46 51	45 61	36 59	81 117
220 to 259 acres 1987 1982	38 51	42 46	50 55	114 165	71 71	59 60	47 79	146 193
260 to 499 acres1987 1982	142 146	164 205	167 231	377 410	217 288	236 298	279 341	494 568
500 to 999 acres19871982	111	153 155	121 115	168 134	95 85	210 187	209 182	251 210
1,000 to 1,999 acres1987	20 21	28 19	26 13	30 21	25 18	34 29	46 29	47
2,000 ecres or more1987 1982	4 3	1 2	1 1	1	2 2	1 1	1	3
TENUDE OF ODERATOR								
TENURE OF OPERATOR			A					
Full owners	234 255	217 235	204 288	289 366	144 192	296 312	223 266	443 523
acres, 1987 1982	73 317 86 828	56 487 62 515	50 040 70 573	48 849 69 482	26 475 47 161	73 984 83 513	57 090 66 179	100 310 125 854
Part ownersfarms, 1987	158	212	268	497	324	330	348	646
1982 acras, 1987	180 89 106	238 127 271	299 127 654	547 219 658	343 149 360	347 182 633	386 188 526	670 291 152
1682 Tenantsfarms, 1987	96 089 45	128 717	117 823	210 711 325	143 430 192	174 387 142	188 298 260	271 651 382
1982_ acres, 1987_	41 16 992	148 53 889	156 41 093	308 89 364	217 52 397	181 62 831	279 92 841	431 112 245
1982	10 194	54 339	40 201	78 172	59 010	62 055	86 827	108 292
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated	325	430	479	855	538	580	614	1 178
1982 Not on farm operated1987	372 76	490 109	558 108	956 197	583 96	643 160	696 165	1 256
1982 Not reported	59 : 34	83 20	121 25	167 59	112 26	135 28	164 52	1 178 1 256 206 203 87
	45	49	64	98	57	62	71	165
Farming1987	318 364	475 54 0	487 593	931 1 075	561 679	619 731	714 846	1 227 1 417
Other1987	119 112	84 82	125 150	180 146	99 73	149 109	117 85	244 207
Operators by days of work off farm:								
None 1987 1982 1982 1992	236 212	313 334	312 402	613 691	377 439	407 462	460 518	829 964
Any	161 209	202 220	252 268	419 414	240 238	313 292	307 307	964 523 475
1 to 49 days19871982	20 41	70 101	47 64	140 178	74 99	90 121	105 152	156 186
50 to 99 days1967 1962	13 24	17	25 15 18	53 42	31 30	23	56 34	186 42 46
100 to 149 days	21 11	22 20 15	18	41	25 28	29 19	20	41

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of abbreviation [ons and symbols, se	ee introductory	text]					
Item	Pocehontes	Polk	Pottewattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							-	
Cash grains (011)	661	422	786	413	152	558	365	539
Field crops, except cesh grains (013)	2 -	1 -	5 -	4 -	2 -	3 -	2 -	2 -
Tobecco (0132) Sugarcane end suger beets; Irish potatoes; field crops, except cash grains, n.e.c.	-	-	-	-	-	-	-	-
(0133, 0134, 0139)	2	1	5	4	2	3	2	2
Vegetables and melons (016) Fruits end tree nuts (017)	-	2 2	4	-[-		4 2	1
Horticultural specialties (018) General farms, primarily crop (019)	2	13 1	7 3	5	10	2 3	8 3	1 5
Livestock, except derry, poultry, and animal specialties (021)	214	114 16	421 34	385 60	331 132	346 13	307 14	462 30
Dairy farms (024)	3	5	6	16	8	9	24	12
Poultry and eggs (025) Animel specialties (027) Conset formally liveded and painel	6 1	5 9	3	11	-	7	1 4	3
General farms, primarily livestock and animal specialties (029)	2	6	4	7	1	5	12	6
FARMS BY SIZE								
1 to 9 acres1987	31	31	51	33	14	45	24	58
1982. 10 to 49 acres	30 17 15	32 30 37	50 33 53	34 18 30	12 11 11	41 24 28	32 29 46	58 55 25 20 9
50 to 69 acres	6	13 21	14	10 15	3	26 9 15	22 27	9
70 to 99 acres	35 42	41 75	53	37 39	14 10	46 50	43 76	13 33 55
100 to 139 ecres 1987	49	40	68 96	53 57	23	38	70	62
1982 140 to 179 acres	106 120	62 56 73	116 139	88 101	25 28 36	59 101 128	76 93 122	70 104 124
180 to 219 acres	41	46 52	78 87	43 62	28 40	65 69	67 79	96 111
220 to 259 acres	59 95	40 50	91 90	71 82	38 34	82 105	72 82	94 129
260 to 499 acres 1987	302 386	142 170	348	252 309	149	285	188	333 415
1982 500 to 999 acres	214 183	93 95	461 307 272	182 186	202 140 182	357 201 160	207 102 96	189 151
1,000 to 1,999 acres	31 24	40 33	73 64	45 39	46 35	36 26	22 17	29 15
2,000 acres or more1987 1982	- <u>i</u>	8 5	9 8	1	10	2 5	1	1
TENURE OF OPERATOR								
Full ownersfarms, 1987	207	232	395	305	233	279	234	316
1982 acres, 1987	231 42 299	263 39 453	91 900	378 69 507	260 79 041	330 56 707	288 41 323	435 60 606
1982 Pert ownersfarms, 1987	50 145 382	39 735 241	119 565	89 751 329	99 068	86 713 375	54 036 327	100 970 403
1982 acres, 1987	460 198 471	292 142 639	538 302 547	371 186 846	242 142 538	394 202 174	353 139 363	378 191 159
1982	204 789	143 765	283 780	199 787	153 617	181 554	134 380	160 997
Tenantsfarms, 1987 1982 acres, 1987	303 336 102 757	107 150 41 099	336 401 131 159	199 206 65 687	89 99 37 340	280 319 96 573	171 220 41 699	313 346 92 274
1982	99 950	46 420	134 651	56 523	41 421	87 402	43 567	87 902
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated1987	665	428	923	637	387	681	584	785
1982 Not on farm operated1987	748 193	528 119	1 075	758 161	473 84	797 203	664 116	785 871 185
1982 Not reported1987	194 34	126 33	221 63	136 35	81 33	160 50	124 32	185 182 62
Operators by principal occupation: Farming	85 760	51 411	1 047	61 701	47	86 780	73 563	106 870
1982 Other1987	891 132	533 169	1 198 194	836 132	512 81	914 154	682 169	1 046 162
Operators by days of work off farm:	136	172	219	119	89	129	179	113
None1987 1982	477 577	262 315	735 827	472 550	291 339	540 577	361 437	584 650
Any 1987 1982	342 363	270 309	429 465	304 314	158 196	317 317	317 342	372 362
1 to 49 days1987 1982	112 160	52 82	121 154	95 148	51 76	96 135	68 85	135 155
50 to 99 days1987 1982	44 39	23	55 40	23 18	14 17	30 22	19 21	31
100 to 149 days	40 20	25 22 23	49 37	21 19	11 8	26 21	33 31	42 36 37

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal ferms. For meaning of abbrevieti	ons end symbols, so	ee introductory i	text]					
tem	Sioux	Story	Tame	Teylor	Union	Van Buren	Wapeilo	Warren
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash greins (011)Field crops, except cash greins (013)	594	619	653 5	263 5	166 1	214	255 3	316 3
Cotton (0131)	-	-	-	-	-	-	-	-
Sugercene and suger beets; Irish potatoes; field crops, except cash grains, n.e.c.								
(0133, 0134, 0139)	2	- 2	5	5	1	5	3	3
Vegetables end melons (016)	- -	1 5		-	- - 1	- 2	- 3	1 3
General farms, primarily crop (019)	3	2	10	3	3	10	5	4
Livestock, except dairy, poultry, and animal specialties (021)	1 018 70	230	395 61	284 100	279 114	243 75	211 75	336 119
Deiry ferms (024)	111	6	33	3	8	11	12	18
Poultry and eggs (025) Animal specialties (027)	21 5	10 5	6 4	1 2	2	1	1	5
General farms, primarilý livestock and animal specialties (029)	25	5	9	3	-	3	1	6
FARMS BY SIZE								
1 to 9 acres	231 174	48 33	49 35	13 13	16 15	6 13	12 12	20
10 to 49 acres1987	90	43 44	35 35 43	11	6	14	18	20 22 31 36 16 20 38 61
50 to 69 ecres	24 34	21 12	19 19	6 2	11 12	4	2 10	16 20
70 to 99 acres	112 116	65 78	46 63	17 26	15 18	17 16	33 38	38 61
100 to 139 acres 1987	100 117	66 82	78 72	14 33	20 35	46 41	43 42	59 69
140 to 179 acres 1987	228 308	83 106	118 151	34 55	39 51	38 37	41 51	59 69 72 68 57 50 34
180 to 219 acres1987 1982	110 148	54 76	74 102	42 44	24 34	42 49	38 34	57 50
220 to 259 acres	169 200	43 69	95 129	42 79	45 45	31 46	44 45	34 64
260 to 499 acres	505 549	229 288	335 395	179 206	134 161	142 180	136 183	184 212
500 to 999 acres 1987 1982	178 147	188 163	225 190	163 160	117 122	117 140	107 100	134 137
1,000 to 1,999 acres 1987 1982	31 21	40 27	39 29	37 28	28 25	28 30	17 19	44 39 3
2,000 ecres or more	2 -	5 4	2	6 3	5 3	5 3	1	3 5
TENURE OF OPERATOR								
Full ownersfarms, 1987	614	274	375	222	211	226	221	323 359
1982 acres, 1987	694 81 153	323 45 516	429 81 339	274 84 375	251 69 763	269 65 890	238 48 875	77 980
1982 Part owners	118 825 783	57 649 382	93 249 483	88 602 245	80 736 180	80 328 207	55 246 195	82 132 258
1982 acres, 1987	794 288 748	422 201 424	513 239 163	260 145 031	211 116 036	253 126 818	246 100 035	303 141 243
1982	258 479	200 070	232 539	140 391	112 101	138 848	114 132	159 041
Tenantsfarms, 1987 1982	383 416	229 237	257 288	97 126	69	57 58	76 71 30 653	111
acras, 1987 1982	93 598 86 730	70 708 69 813	77 709 78 418	38 869 43 424	29 135 24 413	19 110 21 295	22 406	41 879 41 697
OPERATOR CHARACTERISTICS								
Operators by place of residence:	1 372	623	889	419	378	392	382	542
On farm operated	1 436 279	623 703 218	980 188	513 127	429 69	451 79	450 88	618 117
1982_ Not reported1987	232 129	197 44	159	96 18	68 13	84 19	62 22	108
1982 Operators by principal occupation:	236	82	91	51	41	45	43	57
Farming1987	1 411 1 633	656 763	930 1 072	470 562	364 422	371 487	353 416	479 571
Other	369 271	229 219	185 158	94 98	96 116	119 93	139 139	213 212
Operators by days of work off farm:			629	306	244	255	250	331
None	927 977 709	455 498 369	662 423	351 211	263 180	302 207	280 210	370 325
1982	694	391	445	230	229	217	221	356
1 to 49 days1987 1982	179 258	89 114	126 166	58 91	48 80	40 68	34 51 13	58 84
50 to 99 days	66 59 56 59	24 28 26 21	50 38 50	15 21 17	15 15 16	25 18 24	14	58 84 17 29 23 19
100 to 149 days	59	21	38	17	12	23	15	19

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include ebnormal farms. For meaning of abbreviati	ons and symbols, s	ae introductory t	axt]					
item	Weshington	Wayne	Wabster	Winnabago	Winneshiek	Woodbury	Worth	Wright
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)Field crops, axcept cash grains (013)	342	187	865 1	423 1	185 12	551 3	367 2	65 4 -
Cotton (0131) Tobacco (0132) Sugarcana and sugar beets; Irish potatoes;	-	-	-	-	-	-	Ţ.	_
field crops, axcapt cash grains, n.a.c. (0133, 0134, 0139)	1	-	1	1	12	3	2	_
Vegetables and malons (016) Fruits and tree nuts (017) Horticultural specialties (018)	4 -	-	2 1 3	1 -	- - 1	- - 3	1	-
Genarel farms, primerily crop (019) Livestock, except dairy, poultry, and enimel	6	12	1	8	22	4	2	-
specialties (021) Beef cattle, except feedlots (0212)	531 22	299 155	151 4	170 8	616 114	435 59	141 11	128 3
Deiry farms (024)	16 21 2	10	3 4	23	397 6 3	5 9 8	10 6	2 4 3
General farms, primarily livestock and enimal specialties (029)	7	4	2	8	66	3	11	5
FARMS BY SIZE								
1 to 9 acres1987	47 48	8 12	42 51	23 29	59 47	38 41	22 24	17 30
10 to 49 acres	38 51 19	5 16 6	16 18 9	8 18 8	42 40 19	42 37 16	16 23 8	19 22 10 5
50 to 69 acras	24 51	7	15 62	8 38	35 51	31 30	15 23	31
1982 100 to 139 acres 1987	73 68	15 19	62 63	47 42	61 120	67 48	32 24	38 40
1982 140 to 179 acres	71 88 104	20 37 50	65 106 118	42 78 103	144 210 209	76 86 133	44 53 82	41 81 98
180 to 219 ecres 1987 1982	66 73	31 29	64 79	39 39	153 171	75 85	24 52	40 49
220 to 259 acres1987 1982	74 81	35 60	68 105	42) 79	125 166	83 94	39 55	50 77
260 to 499 acres	284 306	155 212	321 370	197 236 131	391 425 123	310 374 224	165 185 143	253 335 199
500 to 999 acres	167 159 27	162 162 38	223 216 55	105 26	137	222 61	130	189 52 37
2,000 ecras or mora	27 2 3	28 5 5	45 5 2	23 3 2	13 1 1	55 8 12	19 - 2	37 4 6
TENURE OF OPERATOR								
Full ownersfarms, 1987	354	222	292	167	666	348	166	206 226
1982 acres, 1987 1982	77 733 93 485	303 79 991 103 220	293 62 993 59 408	238 37 728 52 364	685 144 026 144 936	462 90 963 123 541	202 35 932 41 882	47 398 50 843
Part owners	375 393	222	432 531	304 310	401 500	425 457	269 309	369 432
acres, 1987 1982	173 976 181 242	135 915 128 865	228 948 248 752	154 779 144 249	152 304 180 659	247 342 239 583	140 523 147 236	214 160 219 184
Tenentsfarms, 1987	202 216	68 81	310 322	164 183	241 264	248 308	105 152	221 269
acres, 1987 1982	58 819 54 984	37 419 37 100	115 336 103 078	44 867 45 709	56 384 59 697	94 580 99 779	38 921 40 487	79 579 88 581
OPERATOR CHARACTERISTICS								
Operators by place of residence: On farm operated1987	719	399	712	491	1 084	760	440	586 711
1982_ Not on farm operated19871982	826 163 120	480 84 82	849 269 221	542 116 114	1 195 156 151	897 207 216	510 82 109	l 171
Not reported	49 74	29 54	53 76	28 75	68 103	54 114	18 44	163 39 53
Operators by principal occupation:	784	432	833	535 642	1 124 1 295	828 1 040	473 575	668 804
1982_ Other1987_ 1982_	856 147 164	537 80 79	1 001 201 145	100 89	184 184	193 187	67 88	128 123
Operators by deys of work off farm: None	523		528	355	836	566	307	430
1982 Any 1987	566 327	257 338 187	611 423	389 236	861 382	654 380	347 194 246	513 324 333
1982_ 1 to 49 days1987_	358 83	193 71	413 124	249 69	426 109	426 97	66	120
982 50 to 99 days	141 30 24 35	69 8 19	154 54 37	101 23 23	186 34 39	148 32 45	112 23 23	143 45 39 29 21
		101		30	27	41	18	

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Date for 1987 include abnormal farms. For n	neaning of abbreviation	ons and symbols, see	introductory text]	····				
Item		lowe	Adair	Adems	Allemekee	Appenoose	Audubon	Benton
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con. Any—Con.								
150 to 199 days		2 751 2 529	23 20	15 13	22 29	27 24	22 29	31 29
200 days or more	1982 1987 1982	14 007 13 469	117 119	83	92 85	98 110	105 87	232 204
Not reported	1987 1982	5 863 9 500	67 76	42 82	55 95	44 56	50 95	83 122
1987 operators by years on present ferm:	100222	0 000						
2 years or less 3 or 4 years		4 034 4 289	46 30	21 30	57 51	24 21	33 40	68 63
5 to 9 years 10 years or more		10 278 54 138	76 536	62 340	92 561	41 355	84 445	154 772
Averege years on present farm		20.4	21.5	22.0	20.3	23.1	19.7	19.7
Not reported		9 892	84	64	105	70	104	123
1987 operators by age group: Under 25 years		2 199	.21	16	8	6	26	35
25 to 34 years 35 to 44 years		14 640 16 733	131 140	80 83	166 204	65 72	138 149	224 256
45 to 54 years55 to 64 years		17 003 20 744	147 208	89 140	188 190	99 118	151 157	262 267
65 years and overAverage age		11 312 48.7	125 50.0	109 51.3	110 47.8	151 54.2	85 47.3	136 47.4
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1987	68 845	642	418	677	439	618	977
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1982 ecres, 1987	77 851 23 749 442	735 270 402	519 172 834	769 222 343	168 707	701 213 190	1 074 317 746
Partnership	1982 farms, 1987	24 506 840 9 349	268 146 90	198 600 83	261 637 175	159 472 60	220 700 75	334 565 131
	1982 acres, 1987	11 450 3 671 569	133 36 999	40 080	162 67 318	74 26 885	78 37 944	176 47 816
Corporation:	1982	4 278 694	53 029	29 888	61 923	30 226	52 086	56 776
Family held	fərms, 1987 1982	3 845 3 571	36 27	15 18	8 12	11 13	6	65 62
	ecres, 1987 1982	2 543 963 2 389 074	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) 3 706	(D) (D) 2
Other then family held		250 336	1	\ <u>-</u>	2 3	1	3 3	`_2´ 2
	acres, 1987 1982	86 393 133 159	(D)	-	(D) (D)	(D)	(D) (D)	(D) (D)
Other-cooperative, estate or trust,						``	, , ,	
institutionel, etc.	farms, 1987 1982	342 304	4 -	1 1	4	1 2	4 2	5 7
	acres, 1987 1982	106 832 78 527	(D) -	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)
1987 FARM PRODUCTION EXPENSES ¹								
Total ferm production expenses		82 647	770 52 088	518 25 433	864 53 910	508 16 883	707 59 209	1 183 103 410
Livestock and poultry purchased	\$1,000 farms \$1,000	6 516 385 40 253 1 346 860	446 8 382	25 433 180 3 855	560 6 930	243 3 053	351 14 451	566 25 715
Feed for livestock and poultry		54 514 1 092 412	584 7 977	396 3 231	801 10 515	386 1 663	495 10 621	787 13 765
Commercially mixed formula feeds		29 316 472 686	254 2 871	182 1 562	635 5 504	125 284	219 3 229	394 6 649
Seeds, bulbs, plants, and trees	farms \$1,000	76 710	723 2 932	498 1 556	829 1 807	417 837	640 2 418	1 119 4 445
Commercial fertilizer	farms	302 401 73 196	677	439	763	404 1 578	604 4 061	1 067 7 771
Agricultural chemicals	\$1,000 farms \$1,000	459 606 1 74 725 304 487	4 183 707 2 824	2 272 473 1 500	2 986 773 1 242	386 833	574 2 383	1 122 4 812
Petroleum products	ferms	80 999	756	518	839 2 823	496 1 128	687 2 766	1 147 4 553
Electricity	\$1,000 ferms	304 536 75 154	2 548 745	1 688 473	812	434 282	666 1 142	1 107 1 855
Hired farm labor	\$1,000 ferms \$1,000	120 904 44 716 280 602	915 423 1 599	609 316 957	1 744 517 2 844	282 207 719	365 2 084	638 3 868
Contract labor	farms \$1,000	7 032 20 485	81 284	64 94	107 302	35 113	51 299	114 392
Repair and maintenance		75 830 393 118	736 3 665	468 2 028	808 4 333	476 1 475	656 3 415	1 084 5 836
Customwork, machine hire, and rental of machinery and equipment		49 313	476	316	565	240	372	695
отвенителу вли ецифиналі	\$1,000	128 322	1 065	745	925	345	977	2 001
Interest	\$1,000 \	58 282 561 575	518 5 930	368 2 295	653 5 777	279 1 575	475 4 775	833 8 976
Cash rent		39 119 489 057	297 2 934	215 1 005	403 3 168	137 706	351 4 695	639 9 518
Property taxes		67 238 212 292	693 2 319	438 1 077	727 1 745	483 1 197	573 1 698	945 3 214
All other ferm production expenses		82 616 499 729	770 4 532	518 2 520	884 6 770	508 1 380	707 3 425	1 183 6 692

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

ltem							
	Black Hawk	Boone	Bremer	Buchanan	Buane Vista	Butler	Celhoun
OPERATOR CHARACTERISTICS— Con.							
Operators by days of work off farm—Con. Any—Con.							
150 to 199 days 1	987 982 42	30 32	37 32	51 41	28 29	33 28	31 22
200 days or more1		143 136	200 223	189 206	143 122	172 215	115 111
Not reported1	987 50 982 75	35 89	57 81	80 100	67 98	79 111	68 132
1987 operators by years on present farm: 2 years or less	51	31	45	75	38	53	40
3 or 4 years	53	32 99	56 I	73 139	49 109	54 153	60 113
10 years or more	639	555 21.3	555 18.7	685 18.8	671 20.7	668 19.8	539 19.9
Not reported		80	82	123	106	137	113
1987 operators by age group:	22	14	22	40	17	44	.,
Undar 25 years25 to 34 years	157	14 126	23 169	40 209	17 188	41 182	12 158
35 to 44 years	209	178 142	199 193	256 221	206 175	201 230	189 174 222
55 to 64 years65 years end over	102	219 118	179 86	247 122	257 130	274 137	110 48.5
Average age	48.4	49.5	46.6	47.0	48.5	48.5	48.5
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms, 1	987 767 982 822	628 762	748 858	926 983	802 890	915 1 062	737 888
acres, 1		233 969 246 697	190 275 196 702	262 309 262 759	278 391 273 714	260 661 266 724	284 985 294 468
Partnership farms, 1		69 79	63 94	117	111 128	97 100	106
acres, 1		26 355 25 736	15 639 18 143	36 578 37 286	43 079 53 213	27 874 29 096	31 349 41 659
Corporation: Family held ferms, 1		89	33	40	52	46	38
	982 74	74 (D)	43 (D)	35 25 770	48	43 (D)	16 (D)
	982 (D)	(Ďį	23 590	(D)	(D) (D)	(D)	8 527
	982 4	4 (D)	(D)	3	2	6 (D)	1
	982 2 626	1 363	ίĎ	(D) 53	(D) (D)	(6)	(D)
Other cooperative, estate or trust, institutional, etc	987 4	6	4	6	6	3	2
acras, 1	982 3	(D) (D)	3 (D) (D)	2 (D) (D)	11 1 353 (D)	760 (D)	(D) (D)
	302	(5)	(6)	(6)	(5)	(5)	(0)
1987 FARM PRODUCTION EXPENSES ¹							
Total farm production expensesfa	ırms 953	798	850	1 094	972	1 069	865
Livestock and poultry purchased fa		63 381 290	57 503 435	81 868 550	99 060 480	82 037 557	64 595 365
Fead for livestock and poultry fa	000 10 271 lrms 574	10 800 293	7 572 596	13 146 704 12 795	20 768 588	15 091 706 15 385	13 806 415 10 285
Commercially mixed formula feeds fa	.000 13 083 .rms 343 .000 6 725	7 161 174 2 657	9 325 389 4 689	457 4 681	25 349 268 15 456	388 6 277	210 3 930
Seeds, bulbs, plants, and traesfs	rms 875	768	781	1 035	888	1 004	815
Commercial fertilizer fa	.000 3 600 rms 832	3 741 760	3 129 732	4 117 990	3 726 891	3 741 953	3 532 796
Agricultural chemicals fa	000 5 312 rms 833 000 3 899	5 264 749 3 879	4 715 756 3 119	7 067 991 4 315	5 374 903 3 532	5 925 989 4 225	5 234 809 3 527
Petroleum products fa	ırms 944	790	839	1 073	909	1 066	842
Electricity fa	000 3 384 urms 874	3 083 735	2 927 805	4 118 943	3 758 878	3 588 963	3 017 754 (D) 502
Hired farm labor fa	,000 1 393 trms 509 ,000 3 988	958 443 3 598	1 188 417 1 872	1 618 610 3 315	1 564 535 5 197	1 455 628 3 071	502 2 674
Contract labor	ırms 125	65	49	99	62	71	73
\$1 Repair and maintenancefa	,000 432 irms 828	197 778	115 825	337 987	311 889	162 981	(D) 751
Customwork, machine hire, and rental of	000 4 612	3 797	3 914	4 832	5 390	4 660	4 001
machinary and aquipmentfa \$1	rms ,000 1 695	1 088	522 1 442	618 1 455	571 1 651	700 2 119	508 1 114
Interestfa	arms 635 .000 6 351	600 5 564	677 5 981	791 8 010	695 6 821	766 6 786	610 5 894
Cash rentfa		408 6 540	404 5 446	539 7 785	538 5 856	538 6 937	418 4 054
Property taxes fa		579 2 081	705 2 330	901 3 244	750 2 090	897 2 549	688 1 838
All other farm production expenses fa		798 5 632	850 4 427	1 094 5 713	972 7 671	1 069 6 343	865 4 485

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For m	eaning of abbreviation	s and symbols, see	introductory text]					
Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm-Con.								
Any—Con. 150 to 199 days	1987 1982	34 25	20 24	30 27	29 25	22 21	25	28
200 days or more		171 135	135 105	132 126	129 145	133 132	28 152 155	25 69 77
Not reported		67 148	59 91	66 113	50 90	58 123	51 105	39 45
1987 operators by years on present farm:								
2 years or less		63 92	41 44	57 48	50 43	41 60	49 44	21 21 52
5 to 9 years 10 years or more Average years on present farm		171 703 18.4	96 512 20.4	113 669 20.3	95 472 18.8	134 594 20.1	92 526 19.6	296 21.4
Not reported		151	80	81	93	110	113	57
1987 operators by age group:		46	00	00	97		24	40
Under 25 years 25 to 34 years 35 to 44 years		46 272 237	38 127 160	26 167 227	27 147 168	21 191 181	31 179 159	12 60 78
45 to 54 years55 to 64 years		219 291	155 170	189 239	144 199	174 258	157 213	87 129
65 years and over		115 46.2	123 48.7	120 48.2	68 47.0	114 48.3	85 47.0	81 51.3
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	1982	991 1 090	657 739	794 908	629 718	787 906	703 785	397 434
Dodrosokia	acres, 1987 1982	298 609 295 740	268 969 266 162	250 601 245 078	240 085 245 611	273 956 277 507	217 013 221 549	176 845 167 085
Partnership	1982 acres, 1987	119 124 36 528	84 114 36 636	99 142 40 637	63 100 (D)	112 130 37 641	88 105 24 369	39 58 17 451
Corporation:	1982	36 057	50 277	45 337	38 863	39 988	31 601	35 388
Family held	farms, 1987 1982	59 54	19 26	71 75	54 44	35 22	25 24	9 10
	acres, 1987 1982	(D) (D)	(D) 18 975	(D) 51 095	(D) 32 629	(D) (D)	(D) (D)	(D) (D)
Other than family hald	1982	3	5 1	1 1	6 7	2 4	3 3	3
	acres, 1987 1982	(D) 1 819	2 166 (D)	(D) (D)	(D) 3 159	(D) 498	1 771 (D)	1 486
Other-cooperative, estate or trust, institutional, etc.	farms 1987	8	8	3	,	3	5	2
	1982 acres, 1987 1982	1 207 (D)	(D) (D)	757 (D)	5 (D) 2 103	(D) (D)	3 (D) (D)	1 (D) (D)
1987 FARM PRODUCTION EXPENSES		:						
		4 400	770	005	754	040	9.00	440
Total farm production expenses	\$1,000	1 183 121 056 639	772 61 334 424	965 83 408 473	754 60 820 306	940 87 320 480	826 66 218 428	443 19 506 202
Feed for livestock and poultry	\$1,000	42 566 813	16 221 532	16 855 670	4 625 407	26 381 536	13 076 541	(D) 385
Commercially mixed formula feeds	\$1,000	23 984 344 7 752	7 920 302 3 554	13 061 402 6 512	9 063 234 4 646	13 410 257 5 364	9 442 342 4 983	2 862 144 504
Seeds, bulbs, plants, and trees	·	1 103	704	932	715	889	810	420
Commercial fartilizer	\$1,000	3 579 1 025	3 015 637	4 051 912	3 493 673	3 359 866	3 416 788	1 185 388
Agricultural chemicals	\$1,000 farms \$1,000	5 473 1 053 3 161	3 994 680 2 908	6 056 931 4 508	5 416 687 3 617	4 537 881 3 183	5 451 800 3 352	1 718 403 1 178
Petroleum products		1 161	741	958	754	912	825	428
Electricity	\$1,000 farms	4 305 1 061	2 909 695	3 602 873	3 919 654	3 402 871	3 293 772	1 405 409
Hired farm labor	\$1,000 farms \$1,000	1 794 666 4 430	983 355 2 167	1 478 411 2 677	1 093 419 2 827	1 594 506 2 974	1 380 441 2 579	(D) 207 510
Contract labor	farms	72	72	84	78	93	49	28
Repair and maintenance		238 1 074 5 030	100 689	301 900	121 676	191 885	143 781 4 221	(D) 399 1 513
Customwork, machine hire, and rental of machinery and equipment	\$1,000 farms	5 929 752	4 312	4 437 627	3 749 437	4 417 596	4 231	1 513 278
acimiory and aquipment	\$1,000	1 793	1 197	1 505	1 907	2 038	1 086	423
Interest	\$1,000	865 8 029	543 4 684	724 8 043	522 6 049	675 6 426	588 5 867	327 2 349
Cash rent	farms \$1,000	489 6 047	397 4 290	536 7 951	457 7 876	513 6 287	491 5 078	185 1 035
Property taxes	\$1,000	958 3 011	654 2 175	3 010	559 1 948	722 2 127	707 2 709	402 942
All other farm production expenses	\$1,000	1 183 6 717	772 4 458	965 5 874	754 5 119	940 6 994	826 5 116	443 1 603

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatu
OPERATOR CHARACTERISTICS –	J.ay	Sighten	Sill North	Sidwiold	Dalles	Davis	Decard
Con.		ļ					
Operators by days of work off farm—Con. Any—Con.				-			
150 to 199 days1987	21	43 29	41 42	26 29	43 34	27 18	19 22 109
200 days or more1987 1982	108 102	176 151	220 20 9	207 211	162 178	115 124	109
Not reported19871982	58 87	74 116	82 125	92 142	51 78	49 58	2:
1987 operators by years on present ferm:							
2 years or less	36 30	96 86	78 50	64 64	38 35	30 18	2
10 years or more	98 502 20.4	181 884 19.2	147 741 19.3	123 684	77 484	90 342	4 30
Average years on present farm Not reported	91	136	130	19.8	21.5 101	19.9	20. 5
987 operators by age group:							
Under 25 years25 to 34 years	11 143	40 283	46 215	208	23 107	12 102	4
35 to 44 years	152 143	311 305	227 276	228 244	140 143	98 134	9
55 to 64 years65 years and over	203 103	293 151	266 116	261 119	194 128	113 84	13 7
Averaga aga	48.9	46.8	47.2	47.3	50.3	49.2	51.
TYPE OF ORGANIZATION		Ì					
ndividuel or family (sole proprietorship) farms, 1987	639	1 067	956	966	603	486	37
1982 acras, 1987	761 252 670	1 148 311 272	1 080 287 090	1 132 324 234	746 224 781	525 183 952	42 172 59
1982 Partnership farms, 1987 1982	271 179 60 108	328 011 279	309 708 114	346 199 103	248 956 77	196 544 45	199 07 5
1982 acres, 1987	(D) 41 151	256 90 444 82 635	151 (D) 46 392	128 38 187 44 932	98 34 074 39 924	67 29 795 38 518	6 (D (D
1982 corporation: Family hald farms, 1987	50	30	69	31		38 518	
1982_ acres, 1987_	46 (D)	22 17 335	63 (D)	31 23 945	48 44 (D)	11	1
1982 Other than family hald farms, 1987	29 203	(D)	(D)	(D)	40 402	(D) (D) 3	1: 1 (D (C
1982 acres, 1987	1 3	2 888	6 (D)	3	(D)	1 (D)	(
1982	(D) (D)	(D)	356	(D) 51	2 202	(6)	(0)
hther—cooperative, astata or trust, institutional, atc farms, 1987	3	4	1	1	5	1	
1982 acras, 1987	(D)	881 881	(D)	7 (D) (D)	1 564	(0)	"
1982	(D)	(D)	(D)	(0)	1 336	(0)	(0
1987 FARM PRODUCTION EXPENSES ¹							
Fotal farm production expanses farms	757	1 381	1 147	1 101	731	536	44
\$1,000 Livastock and poultry purchased farms_	66 588 353	99 133 699	91 272 571	85 008 683	52 453 241	24 911 306	26 728 23
\$1,000_ Faed for livestock and poultry	16 676 458	13 052 1 176	19 495 726	21 584 840	7 131 329	3 638 454	5 95 34
\$1,000 Commercially mixed formula feedsfarms	11 191 255	21 729 906	11 168 397	13 689 340	4 662 142	4 986 176	4 40 13
\$1,000_	4 230	11 858	4 221	4 142	1 648	1 896	1 16
Seeds, bulbs, plants, and treesfarms	690 3 276 665	1 261 3 741 1 158	1 095 4 347 1 065	999 3 613	704 3 038 681	508 1 353 465	38 1 06 35
Agricultural chemicals	4 664 683	6 110 1 146	7 759 1 085	950 5 603 957	4 380 682	2 113 494	1 92: 36:
\$1,000	3 035	3 156	4 518	3 023	3 247	1 176	1 30
Petrolaum productsfarms	729 3 026	1 354 4 914	1 115 4 075	1 093 3 803	723 2 526	536 1 350	430 1 410
Elactricityfarms	733 1 074	1 308 3 108	1 049 1 741	987 (D)	580 863	457 605	370 450
Hired farm labor	413 2 450	879 4 007	3 289	3 396	338 2 661	279 632	200 1 099
Contract laborfarms	62 93	90	102	130	79	58 178	2 ⁻ 9;
\$1,000 farms \$1,000 \$1,000	726 4 328	140 1 283 7 815	114 1 061 4 989	(D) 1 038 4 674	269 625 3 058	178 477 1 788	400 2 11
Customwork, machine hire, and rental of machinery and equipment	4 328	849	759	764	417	298	271
\$1,000	1 231	2 287	2 140	1 626	1 219	351	484
Interast farms	552 5 299	1 053 10 064	823 8 050	798 7 744	492 5 740	387 2 435	239 1 979
Cash rantfarma	307 3 903	488 5 036	610 9 621	505 6 439	379 5 889	202 802	175 1 174
Property taxes	606 1 952	1 199 4 080	873 3 070	891 2 481	571 2 412	498 1 239	361 960
All other farm production expensesfarms	757 4 390	1 381 9 794	1 147 6 898	1 101 5 409	731 5 358	536 2 264	444 2 316

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of abbraviat	ions and symbols,	see introductory to	ext]				1	
Item	Dalaware	Des Moines	Dickinson	Dubuque	Emmat	Fayette	Floyd	Franklin
OPERATOR CHARACTERISTICS— Con.								
Operators by days of work off farm-Con.								
Any—Con. 150 to 199 days	33	15 36	16	41 50	12	37 31	31 35	25 28
1982 200 days or mora1982 1982	26 166 134	132 115	12 67 61	235 183	20 58 51	194 182	153 134	136 144
Not reported 1987	103	42	46	82	40	84	37	64
1982	137	55	55	159	74	138	79	119
1987 operators by years on present farm: 2 years or less	71	14 31	26 44	49 94	23 24	77 66	50 37	43 42
2 years or less	92 182 795	57 351	44 318	201 868	56 354	146 878	104 497	114 592
10 years or more Avarage years on prasent farm	17.7	23.2	20.3	19.3	19.4	20.2	19.8	20.6
Not reported	138	65	65	172	65	133	89	104
1987 operators by age group: Under 25 years	55	17	17	19	11	29	22	.21
25 to 34 years	304 249	78 102	84 101	278 310	98 135	228 267	137 154	178 166
45 to 54 years55 to 64 years	315 271	99 100	95 1 33	335 317	82 133	309 314	165 199	186 236
65 years and over	84 45.1	122 50.7	67 48.6	125 47.0	63 47.8	153 48.2	100 48.4	108 48.4
TYPE OF ORGANIZATION								
Individual or family (sola proprietorship)farms, 1987	1 062	412	420	1 110	465	1 057	644 713	751 885
1982 acras, 1987	1 115 271 578	461 148 140	478 160 259	1 184 240 981	545 188 893 202 276	1 131 309 012 322 557	218 442 218 378	273 144 287 667
Partnershipfarms, 1987	275 057 170	157 929 48 69	178 604 42	257 976 252 225	202 276 39 57	179 173	66 93	81 99
1982 acras, 1987 1982	171 46 899 48 499	(D) 30 356	62 (D) (D)	62 208 54 673	(D) 23 274	56 686 53 458	(D) 31 838	32 516 36 809
Corporation: farms, 1987	40 499	55	30	17	16	55	60	54
1982 acras, 1987	31 (D)	48 25 836	26 23 824	12 7 720	20 (D)	53 (D)	53 42 264	51 (D)
1982. Other than family heldfarms, 1987.	19 932	24 400	20 196	(D)	15 425 2	42 075	39 514	33 094 5
1982_ acras, 1987_	(D)	-	4	6 (D)	3 (D)	447	444	8 1 973
1982	(6)	-	(D)	1 768	137	(D)	1 284	4 011
Other—cooperative, estate or trust, institutional, atcfarms, 1987	4	3	5	2 7	-	5	4	4
1982 acras, 1987	(D)	5 (D) 790	(D)	7 (D) (D)	3	(D) (D)	(D) 401	5 (D) 961
1982	(D)	/90	-	(0)	364	(0)	401	901
1987 FARM PRODUCTION	i							
EXPENSES1								
Total farm production expanses farms farms \$1.000	1 276 121 933	512 31 588	498 44 909	1 390 111 447	564 38 554	1 296 99 258	779 56 988	896 79 581
Livestock and poultry purchased	855 18 732	213 3 335	192 12 878	909	192 6 796	712 14 806	323 8 095	375 12 021
Feed for livestock and poultry	1 099 32 372	276 3 729	298 6 737	1 275 26 639	232 4 128	936 17 303	412 7 780	494 14 159
Commercially mixed formula feeds farms \$1,000	782 15 500	155 2 108	168 2 432	936 13 718	106 1 332	646 8 291	223 3 319	310 7 597
Seeds, bulbs, plants, and trees farms	1 177	483	467	1 252	547	1 212	751	816
\$1,000 Commercial fertilizerfarms	3 987 1 135	2 014 449	1 924 435	3 025 1 153	2 315 532	4 349 1 171	3 345 717	3 931 781
\$1,000_ Agricultural chemicals\$1,000 \$1,000_	7 309 1 1 145 3 529	3 081 465 2 208	2 654 453 2 092	5 395 1 200 2 093	3 453 526 2 234	7 427 1 159 4 322	4 598 1 739 3 258	6 006 809 4 530
Petroleum products farms	1 256	504	480	1 379	557	1 265	772	891
\$1,000 Elactricity farms	5 893 1 192	1 622 432	1 989 472	5 049 1 318	2 245 485	4 807 1 209	3 179 711	3 831 843
\$1,000 Hirad farm labor farms	3 108 794	531 238	692 229	2 907 844	689 340	2 289 778	1 081 468	1 319 484
\$1,000	4 804	1 220	1 900	5 591	1 347	4 675	2 899	3 496 37
Contract labor farms_ \$1,000	85 335 1 182	49 75 457	62 (D) 446	108 318 1 317	56 167 512	89 219 1 185	210 752	176 808
Repair and maintenance	1 182 8 158	2 150	2 338	6 494	2 533	7 110	3 745	4 472
Custornwork, machine hire, and rental of machinery and equipment	891 1 776	306 959	310 (D)	902 1 971	264 700	842 2 311	443 1 150	554 2 337
Interest farms	921	260	311	894	417	923	603	679
\$1,000 Cash rentfarms	11 159 502	2 889 262	3 386 325	9 125 538	3 146 306	10 450 505	5 398 449	7 069 483 8 121
\$1,000_ Property taxesfarms	6 819 984	3 711 401	3 886 364	5 295 1 117	4 733 397	7 633 1 096	5 502 630 2 086	8 121 697 2 220
\$1,000 All other farm production expenses	3 662 1 275 10 290	1 625 512	932 498 2 774	3 052 1 390	1 114 564 2 957	3 756 1 296 7 803	778 4 663	896 5 892
\$1,000	10 290	2 437	2 774	11 123	2 95/ 1	/ 603	4 003 1	3 032

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms, For mean	ning of abbreviation	s and symbols, s	ee introductory t	ext]					
ltern		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Hamison
OPERATOR CHARACTERISTICS—Con.									
Operators by days of work off farm-Con.									
Any Con. 150 to 199 days		13	21	28	30	27	34	35	22 27
200 days or more	1982 1987 1982	22 71 61	18 98 133	18 160 169	20 145 141	24 138 122	25 150 98	30 162 153	27 114 105
Not reported	1987 1982	38 66	49 94	57 102	76 85	64 102	64 101	49 72	64 103
1987 operators by years on present farm:									
2 years or less		25 12	31 39	56 41	34 46	36 30	41 44	50 43	34 47
5 to 9 years 10 years or more		70 397	83 532	133 580	90 480	121 590	116 633	120 611	103 528
Average years on present farm		22.2	22.2	19.1	21.0	20.4	20.6	20.7	21.4
Not reported		74	94	98	85	104	94	97	113
1987 operators by age group: Under 25 years		8	15	25	17	18	26	21	16
25 to 34 years 35 to 44 years		91 116	131 148	153 196	108 155	160 172	168 192	172 190	148 157
45 to 54 years55 to 64 years		96 144	135 232	219 214	135 198	180 232	208 237	194 213	147 205
65 years and over Average age		123 51.4	118 50.1	101 48.0	122 50.2	119 49.0	97 48.0	131 48.4	152 50.1
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)		446	629	728	625	738	788	765	715
	1982 acres, 1987	515 224 353	740 264 358	831 219 598	733 242 825	875 256 410	904 276 788	845 263 786	831 314 027
Partnership	1982 _farms, 1987	227 655 92	264 466 81	219 488 94	253 277 81	277 407 77	274 894 93	259 237 85	332 965 81
·	1982 acres, 1987	84 41 131	94 (D)	99 29 683	85 34 174	105 42 874	143 38 406	99 (D)	87 33 092
Corporation:	1982	40 671	40 912	29 814	40 464	44 652	47 866	42 061	40 051
Family held	_farms, 1987 1982	32 33	62 57	76 72	21 19	57 44	37 32	63 73	24 26
	acres, 1987	(D)	(D)	64 441	(D)	40 232	23 518	35 209	26 573
Other than family held		31 298	43 706	62 583 7	13 882	29 802	(D) 4	45 759 6	20 898 3
	1982 acres, 1987	(D) (D)	(D)	1 820	(D)	(D)	5 595	459	(D)
Other - cooperative, estate or trust,	1982	(0)	(D)	(D)	(D)	426	385	1 470	(D)
institutional, etc.	_farms, 1987 1982	5 2	5 3	3	6 2	7 6	6	2 3	2
	acres, 1987 1982	1 536 (D)	(D) (D)	682 (D)	(D) (D)	(D) 1 986	1 283 (D)	(D) 571	(D) (D)
1987 FARM PRODUCTION EXPENSES ¹									
Total farm production expenses	farms	576	782	910	728	883	935	916	827
Livestock and poultry purchased	\$1,000 farms	46 591 172	58 608 223	91 453 381	42 773 349	96 589 309	73 631 419	89 966 407	56 395 325
Feed for livestock and poultry	\$1,000	10 575 264	7 670 349	21 463 531	7 191 507	17 463 381	11 928 496	18 028 544	9 664 447
Commercially mixed formula feeds	\$1,000	5 303 114 1 275	6 627 182 2 984	12 488 268 5 050	5 587 202 1 815	26 143 212 20 152	10 786 302 5 489	15 008 286 5 303	5 680 225 1 867
Seeds, bulbs, plants, and trees	farms	528	746	844	656	838	874	851	740
Commercial fertilizer	\$1,000	2 925 522	3 544 721	3 703 816	2 060 612	3 664 800	4 053 843	4 140 813	3 616 728
Agricultural chemicals	\$1.000	3 226 524 2 758	5 154 708 3 860	6 002 849 4 886	3 339 660 2 553	5 146 812 4 060	6 211 883 4 109	5 804 818 4 496	728 5 555 729 3 857
Petroleum products		560	755	895	722	873	914	893	791
Electricity	\$1.000	2 518 534	3 223 752	3 874 793	2 581 622	4 140 788	4 005 860	3 678 815	3 166 7 43
Hired farm labor	\$1,000	815 338 2 892	1 044 490 3 224	(D) 493 3 799	878 326 1 366	1 607 506 5 170	1 313 590 3 229	1 487 573 3 818	1 299 460 2 531
Contract labor		104	97	91	75	80	53	55	132
Repair and maintenance	\$1,000	378 534	191 752	(D) 815	183 624	667 791	130 855	213 833	248 734
Customwork, machine hire, and rental of	\$1,000	2 953	4 425	4 697	3 471	4 674	4 392	5 371	3 622
machinery and equipment	farms \$1,000	343 1 088	522 1 908	589 2 284	410 1 183	472 995	575 1 565	570 1 854	502 1 323
Interest	ferms \$1,000	348 3 503	546 5 437	720 8 743	481 4 208	645 7 295	709 6 952	635 7 174	596 6 310
Cash rent	farms	137	370	540	288	471	558	531	266
Property taxes		1 815 487	4 789 588	9 505 667	2 608 584	6 333 673	7 238 746	8 987 718	2 884 669
All other farm production expenses	\$1,000 farms	1 716 576	2 232 782	2 099 910	1 617 728	2 535 883	2 129 934	2 532 916	2 037 827
	\$1,000	4 127	5 279	6 253	3 948	6 698 1	5 592 l	7 373	4 603

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Deta for 1987 include ebnormal farms. For meaning of ebbrevietion	s end symbols, s	see introductory t	text]			·		
Item	Henry	Howard	Humboldt	ide	lowe	Jeckson	Jesper	Jefferson
OPERATOR CHARACTERISTICS— Con. —								
Operators by days of work off ferm—Con. Any—Con. 150 to 199 days	29	21	16	21	26	38	30	19
1982 200 deys or more	19 128 115	38 111 101	13 117 118	13 116 82	20 136 174	51 201 177	28 223 212	25 97 149
Not reported 1987 1982	44	51	67	42	55	63	66	39
	71	74	63	105	85	95	121	47
1987 operators by years on present farm: 2 years or less 3 or 4 years 5 to 9 years 10 years or more Average years on present farm Not reported	12	38	28	45	31	74	37	20
	32	34	20	53	34	38	50	15
	69	90	98	101	103	146	146	55
	416	527	455	396	587	636	748	364
	21.7	21.0	20.8	17.8	21.7	19.4	21.4	22.4
1987 operators by ege group: Under 25 yeers	13	16	9	17	23	35	26	70
25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 65 years and over	89 136 118 151 100 49.9	138 133 175 211 107 48.5	118 132 150 179 97 49.4	142 153 115 199 63 47.5	154 153 174 206 139 49.3	200 176 246 249 113 47.8	174 224 217 286 180 49.6	81 104 110 137 85 50.3
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	501	668	582	579	714	854	863	433
	594	758	663	649	808	959	1 014	550
	170 395	214 142	223 008	205 885	238 250	256 734	303 006	163 587
	180 395	218 527	220 337	211 909	255 386	270 446	321 631	186 940
Partnershipfarms, 1987	53	92	68	81	94	130	160	61
1992	72	103	90	95	134	150	184	75
ecres, 1987	(D)	32 717	(D)	35 658	40 696	45 702	56 333	27 171
1982	21 985	34 014	38 999	31 823	48 017	44 773	70 675	26 286
Corporetion: Femily held	47 40	17 23	27 20	24 23	34 21	29 25	77 67	25
ecres, 1987 1982 Other then femily held	(D) (D) 2 2 (D) (D)	12 489 (D) 1 1 (D) (D)	(D) (D) 1 2 (D) (D)	(D) 10 932 1 4 (D) 387	(D) (D) 1 3 (D) 25 175	16 251 (D) 2 (D)	48 639 39 367 2 6 (D) (D)	24 (D) (D) 2 4 (D) (D)
Other—cooperetive, estate or trust, institutionel, etc	4	2	7	4	6	4	5	3
	4	3	4	6	1	4	2	-
	(D)	(D)	1 570	(D)	(D)	(D)	(D)	536
	(D)	(D)	623	670	(D)	(D)	(D)	-
1987 FARM PRODUCTION EXPENSES ¹								
Total farm production expenses	612	782	685	690	849	1 020	1 110	523
	43 294	51 088	52 296	60 981	69 210	71 841	82 551	31 66 0
Livestock and poultry purchased	282	388	221	376	487	665	498	240
	5 296	6 508	11 085	17 901	13 418	18 612	14 427	3 992
	382	551	284	465	663	951	729	347
	8 938	8 404	6 225	7 964	11 454	12 877	14 886	4 063
	159	332	122	214	365	520	356	171
\$1,000 Seeds, bulbs, plants, end trees	5 243 582 2 044	4 171 697	1 545 853	2 872 610	4 923 814	5 813	4 716 988	1 365 476
\$1,000 Commercial fertilizer	569 3 469 552 2 505	2 603 674 4 238 658 3 103	3 028 640 4 150 638 3 051	2 629 598 3 913 604 2 634	3 113 741 5 069 800 3 281	2 203 897 4 195 869 1 779	4 150 916 6 123 987 4 308	1 831 470 3 690 475 1 872
Petroleum products farms	604	768	683	676	830	930	1 095	515
\$1,000_	2 038	2 823	2 440	2 302	3 042	3 080	3 840	2 053
Electricity	550	733	564	834	778	979	992	508
	698	1 135	752	1 014	1 193	1 560	1 675	627
	330	410	366	481	416	505	625	281
	2 066	2 244	2 393	2 372	3 426	2 783	3 695	1 216
Contract labor	46	42	73	39	53	52	89	28
	86	55	167	94	137	55	211	75
	547	711	593	656	774	907	986	484
	2 819	3 345	3 149	3 229	4 453	4 670	5 097	2 320
Customwork, machine hire, end rental of machinery and equipment farms \$1,000_	319	397	320	424	526	643	614	265
	855	1 452	915	1 383	1 171	1 359	1 707	787
Interest farms	473	604	458	522	642	712	772	379
	4 535	5 200	4 648	4 630	6 382	6 435	6 792	2 852
Cesh rent ferms \$1,000 \$1,000 Property taxes ferms \$1,000 \$1,000 All other ferm production expenses farms \$1,000 \$1,000	271	308	342	388	385	452	544	170
	2 899	3 281	4 380	5 536	4 718	4 265	6 531	1 917
	526	675	505	532	738	895	848	463
	2 062	2 218	1 603	1 402	2 810	2 333	3 264	1 568
	812	782	685	690	843	1 020	1 109	523
	3 183	4 478	4 311	3 978	5 542	5 634	5 846	2 796

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

(Data for 1987 include abnormal farms For meaning of abbreviatio	na and aymbola, a	e introductory to	ext]					
Item	Johnson	Jonas	Keokuk	Koasuth	Lee	Linn	Louisa	Lucas
OPERATOR CHARACTERISTICS— Con.								
Operators by deys of work off ferm - Con.								
Any – Con. 150 to 199 days	36	27	24	55	23	32	15	17
1982_ 200 days or more1987	33 197	24 161	24 113	43 199	14 136	40 288	21 75	17 17 68
1982	219	169	130	172	175	310	80	82
Not reported1987 1982	59 110	54 91	65 113	105 188	36 44	80 99	39 52	29 58
1987 operators by years on present farm: 2 years or less	37	40	22					
3 or 4 years	52	40 45	33 34	60 75	17 24	53 62	16 22	13
5 to 9 years10 years or more	94 648	117 637	81 530	188 1 064	70 425	125 743	58 326	13 39 267
Average years on present farm	21.5	20.1	21.1	20.4	22.6	20.8	21.6	22.6
Not reported	136	90	95	187	72	127	65	54
1987 oparators by ege group: Under 25 years	38	22	7	59	9	19	14	7
25 to 34 years	155 207	132 220	155 164	301 326	93 118	153 226	75 90	39 82
45 to 54 years55 to 64 years	197 232	220 226	147 206	338 397	138 158	233	107	70 103
65 years and over Average age	138 48.5	109 48.8	94 48.5	153 47.4	92 49.8	192 50.7	124 77	81 52.8
Notage age	40.5	40.0	46.5	47.4	49.6	50.7	50.0	52.8
TYPE OF ORGANIZATION								
ndividual or family (sola proprietorship)farms, 1987	746	735	636	1 378	464	919	380	325
1982 acres, 1987	896 200 756	864 217 892	751 250 068	1 499 496 855	586 158 981	1 023 246 643	447 140 987	399 140 9 22
Partnershipfarms, 1987	223 978 156	239 118 126	239 102	493 700 135	170 886 96	254 142	150 807	148 951 42
1982 acres, 1987	173 52 602	143 47 228	163 50 451	193 61 736	102	162	79	62
1982	55 606	45 393	75 162	71 342	43 996 43 804	(D) 47 738	21 804 31 620	17 228 (D)
Corporation: Family haldfarms, 1987	57	65	35	53	43	69	37	11
1982 ecres, 1987	61 29 513	65 41 431	30 22 954	47 (D)	26 890	63 44 360	32 (D)	8 (D)
Other than family heldfarms, 1987	30 954	(D)	18 555	(D)	28 733	(D)	(Ō)	(D) (D)
1982_ acres, 1987_	4 976	3 (D)	6	5	(2)	2		(5)
1982	(D)	2 094	(D) (D)	(D) (D)	(D) (D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etcfarms, 1987	4	1						
1982	1	3	2	4 3	3	7	6 2	3
acras, 1987 1982	938 (D)	(D) (D)	(D) (D)	(D) 670	(D) (D)	(D) 1 499	(D)	2 438
1987 FARM PRODUCTION								
EXPENSES ¹								
Total farm production expensesfarms	966	931	778	1 569	606	1 108	486	381
Livestock and poultry purchased	71 828 505	91 566 596	61 111 345	123 151 610	42 401 288	74 632 514	32 927 198	17 955 179
\$1,000 Feed for livestock and poultry farms	11 040 679	24 312 756	7 508 555	18 505 771	7 620 451	12 123 728	3 026 276	1 723 277
\$1,000 Commercially mixed formula feeds ferms	17 544 448	16 538 429	10 563 232	17 314 380	7 644 240	9 513 430	3 936 112	3 206
\$1,000	10 483	6 741	4 250	6 689	2 950	3 444	1 470	150 892
Seeds, bulbs, plants, and trees farms	901 3 059	863 3 417	731 3 204	1 543 6 696	560 2 103	1 045 4 074	468 2 143	360 979
Commercial fertilizerfarms	853 4 992	819 5 841	718 6 035	1 508 10 145	551 3 658	996 5 797	457 3 388	327 1 606
Agricultural chemicalsfarms	862 3 429	822 3 228	732 3 901	1 523 6 479	553 2 244	1 042 3 626	463 2 364	327 1 606 350 783
Petroleum products farms	957	908	765	1 548	599	1 081	474	
\$1,000 Electricity farms	3 337 885	3 704 874	3 585 706	7 088 1 389	2 044 580	3 663 1 027	1 913 463	355 1 097 372
\$1,000 Hired farm labor farms	1 278 481	1 471 444	1 097	2 245	791 253	1 470 544	530 223	331 192
\$1,000	3 138	3 162	2 602	5 139	1 669	3 999	1 756	642
Contract laborfarms	62	77	37	120	57	106	29	21
Repair and maintanance	190 901	166 853	139 732	255 1 472	84 577	328 1 040	102 450	19 345
Customwork, machine hire, and rental of	4 303	4 886	4 147	8 129	2 703	4 781	2 283	1 449
machinery and aquipmentferms	636 1 478	627 1 817	431 957	919 2 239	292 598	718 1 977	236 772	220 534
Interest farms	721	672	549	1 074	415	710	343	254
\$1,000 Cash rent	6 108 397	7 965 491	5 630 345	11 818 960	4 016	7 592 505	3 886 232	1 859 156
\$1,000 _ Property taxes	4 192 857	6 427 733	4 521 678	13 685 1 196	2 189 571	6 697 930	2 732 396	1 159 303
\$1,000_ All other tarm production expenses farms.	2 889	2 551	2 525 778	3 586	1 911	3 476	1 545	835
	966	931	778	1 568	606 3 128	1 108 5 516	486 2 554	381 1 733

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

(Data for 1987 include abnormal farms. For meaning of abbrevial	tions and symbols,	see introductory	text]			1		
/tem	Lyon	Madison	Mahaske	Marion	Mershall	Mills	Mitchell	Monona
OPERATOR CHARACTERISTICS— Con.								
Operators by days of work off farm—Con.								
Any—Con. 150 to 199 days	42 22	25 27	32 22	32 23	34 26	6	23 26	37 25
200 days or more1987	156 132	135 152	159 122	186 175	137 165	68 60	127 86	85 73
Not reported1987	75 141	50 56	93 135	37 82	49 91	39 71	43 98	51 87
1987 operators by years on present farm:	50	07			20		00	
2 years or less	53 64 142	27 34 79	56 28 127	38 41 75	39 44 100	11 24 60	36 35 118	34 41 73
10 years or more	686 19.1	413 20.8	626 20.8	488 20.9	564 21.5	320 21.3	482 19.6	480 21.3
Not reported	160	79	114	97	92	66	95	91
1987 operators by age group:	53	7	33	16	14	9	22	14
Under 25 years	251 199	91 138	176 179	97 136	128 168	73 108	144	122 124
45 to 54 years 55 to 64 years	221 256	127 143	174 223	170 191	183 215	92 113	177 181	154 187
65 years and over Average age	125 46.3	126 51.0	186 49.0	129 51.1	131 50.0	86 50.2	82 47.6	118 49.6
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)farms, 1987	976	543	789	612	658	370	647	595
1982 acres, 1987 1982	1 092 282 791 292 067	638 204 791 228 150	833 248 884 241 367	672 194 250 203 515	729 231 821 230 614	407 171 985 180 812	705 212 336 211 697	648 301 675 290 891
Partnershipfarms, 1987	83 115	66 99	114 185	97 142	100 124	79 95	88 113	81 104
acres, 1987 1982	25 392 36 022	33 256 36 581	41 324 68 916	37 041 53 366	32 707 38 310	41 574 45 687	31 799 36 891	42 718 49 970
Corporation: Family heldfarms, 1987	41	18	41	25	70	30	27	18
1982 acres, 1987	37 (D)	17 (D) (D)	25 (D) (D)	18 (D)	81 47 534	22 (D)	15 209	21 (D)
Other than family heldfarms, 1987	23 295	2	4	(D) 3	(D) 6	(D)	12 605	(D) (D) 2
1982 acres, 1987 1982	3 28 (D)	2 (D) (D)	6 (D) (D)	(D)	2 724 (D)	2 (D)	(D) (D)	(D)
Other—cooperative, estate or trust,	(0)	(0)	(0)	-	(0)	(0)	(0)	_
institutional, etcfarms, 1987 1982_	2 2	3	3 1	2 5	5	2	2 4	3
acres, 1987 1982	(D) (D)	(D) (D)	1 215 (D)	(D) (D)	2 845 (D)	(D) (D)	(D) (D)	1 040 (D)
1987 FARM PRODUCTION EXPENSES ¹	;							
Total tarm production expenses tarms	1 106	640	951	741	838	480	763	696
\$1,000 Livestock and poultry purchasedfarms	98 292 718	41 823 344	79 399 524	43 485 344	65 928 374	36 344 205	71 556 435	54 329 281
Feed for livestock and poultry	32 919 814	4 423 479	18 407 699	5 607 520	11 437 497	(D) 254	14 416 538	12 076 346
\$1,000 Commercially mixed formula feeds\$1,000 \$1,000	18 727 460 8 926	9 467 282 6 938	15 557 388 7 069	7 492 319 3 823	8 389 234 2 810	4 454 134 2 669	14 467 359 7 714	4 725 181 1 542
Seeds, bulbs, plants, and treesfarms	1 039 3 472	565 1 761	899 3 213	688 2 542	730 3 674	470 2 143	655 2 971	670 3 514
Commercial fertilizer farms_ \$1,000_	951 4 762	542 2 545	886 4 760	660 3 033	704 4 749	453 3 201	623 4 210	640 5 705
Agricultural chemicals	1 004 2 919	563 1 912	877 3 548	629 2 269	739 3 851	460 2 094	656 3 225	639 3 584
Petroleum products farms_ \$1,000_	1 084 3 684	633 1 864	925 3 363	733 2 268	809 3 340	470 1 812	751 3 305	680 3 044
Electricity	1 016 1 570	589 814	829 1 749	701 1 076	755 1 425	450 680	709 1 279	582 932
Hired farm labor farms	588 3 003	326 2 882	455 3 928	452 2 892	449 4 083	225 1 610	397 2 861	403 2 190
Contract laborfarms_	91	68	69	53	51	32	50	135
\$1,000 Repair and maintenance	173 961	468 601	259 887	147 691	119 771 4 155	121 457 2 360	127 713 4 077	312 59 6 3 328
Customwork, machine hire, and rental of machinery and equipment	4 468	3 068 336	4 547 535	2 892 448	514	325	4 077	3 328 448
\$1,000	1 209	594	1 305	1 050	1 383	(D)	1 637	1 369
Interest farms \$1,000	817 6 914	486 3 210	691 6 814	557 4 057	591 5 445	336 2 852	586 6 54 1	408 3 795
Cash rent	614 6 066	290 2 429	372 4 189	280 2 644	339 6 453	163 1 796	345 5 508	258 3 904
Property taxes	844 1 823	532 1 705	786 2 550	633 1 831	698 2 444	1 447	693 2 169	578 1 800 896
All other farm production expenses farms \$1,000_	1 106 6 583	640 4 681	941 5 211	741 3 685	837 4 882	2 507	763 4 764	4 050

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meening of abbreviate	ons and symbols,	see introductory	text]					
ltem	Monroa	Montgomery	Muscatine	O'Brien	Oscaola	Pege	Palo Alto	Plymouth
OPERATOR CHARACTERISTICS— Con.			,-					
Operators by days of work off farm-Con.								
Any—Con. 150 to 199 days1987	14	16	24	28	28	25	18	59
1982 200 days or mora	13 93 120	18 79 64	22 138 148	20 157	18 82	18 146	25 108	31 225
Not raported 1987	40	44	48	143 79	63 43	104 48	73 64	194 119
1982 1987 operators by yeers on present farm:	55	68	73	116	75	86	106	185
2 years or less	18 25	25 17	31 32	58 58	28 38	22 41	40 36	74 79
5 to 9 years 10 years or more	30 295	71 392	74 408	152 719	123 404	80 547	115 545	183 931
Average years on present farm	23.0	21.4	20.5	20.1	18.2	22.2	20.6	19.3
Not raported	69	54	67	124	67	78	95	204
1987 operators by aga group: Under 25 years	11	11	21	33	23	18	24	41
25 to 34 years 35 to 44 years	50 71	93 111	95 110	220 208	169 118	116 148	164 160	295 332 289 345
45 to 54 years55 to 64 years	89 131	92 137	147 158	220 329	151 161	131 192	136 246	289 345
65 yaars and over	85 52.2	115 50.3	81 49.0	101 47.7	38 45.4	163 51.3	101 48.4	169 47.3
TYPE OF ORGANIZATION						:		
Individual or family (sole proprietorship)farms, 1987	376	462	497	953	578	624	715	1 272
1982 acras, 1987	419 161 920	499 195 043	596 158 464	1 042 293 504	663 185 773	682 247 286	776 275 806	1 394 414 760
1982_ Partnershipfarms, 1987_	169 201 52	195 830 76	162 634 65	288 308 104	201 651 43	250 613 114	269 023 70	421 115 149
1982 acres, 1987	50 23 419	97 30 359	85 (D)	124 35 396	49 (D)	129 51 000	97 (D)	192 62 673
Corporation:	22 335	37 772	31 515	42 724	18 465	50 603	36 648	66 800
Family heldfarms, 1987 1982	4 2	14 19	47 58	50 47	38 33	25 20	41 51	48 34
ecres, 1987 1982	2 842 (D)	10 054 (D)	(D) 32 720	28 065 (D)	(D) 22 405	18 579 14 137	(D) (D)	(D) (D)
Other then family heldfarms, 1987 1982	3 5	2	1 1	3 · 5	- 4	2 5	1 3	1
acras, 1987 1982	(D) (D)	(D) (D)	(D) (D)	(D) 1 532	660	(D) (D)	(D) 880	(D)
Other cooperative, estate or trust, institutionel, atc	2	5	2	1		3		
1982 acres, 1987 1982	(D)	(D) (D)	3 (D) (D)	3 (D) (D)	(D) 420	(D) (D)	4 4 (D) (D)	2 3 (D) (D)
1987 FARM PRODUCTION EXPENSES ¹						:		
Total farm production axpensas farms	441	560	613	1 111	658	771	832	1 465
\$1,000 Livestock and poultry purchasedferms_	23 299 181	39 085 258	43 720 239	113 999 511	52 458 312	50 755 368	63 947 377	132 970 941
\$1,000 Feed for livestock and poultry farms	4 457 381	8 665 428	5 617 356	35 645 631	12 428 386	9 112 521	11 987 438	41 954 1 091
\$1,000 Commarcially mixed formule feeds\$1,000	3 722 187 1 489	5 068 194 2 282	5 878 179 2 308	21 605 310 7 112	9 113 152 3 189	5 860 235 2 142	8 880 208 2 250	25 202 566 8 531
Seeds, bulbs, plants, and treasfarms\$1.000	395 1 036	512 2 285	592 2 313	1 053	620 2 370	756 4 415	808 3 563	1 327
Commercial fertilizer	383 1 821	517 3 415	552	4 272 978	608	693	788	4 772 1 273 6 998
Agricultural chemicals	383 980	514 2 212	3 968 563 2 600	6 716 1 024 3 718	3 274 633 2 239	3 378 738 2 445	5 569 781 3 506	1 327 4 437
Petrolaum products farms	439 1 279	546 2 239	609 2 335	1 099 4 196	658 2 437	755 2 264	825 3 374	1 428 4 833
Elactricityfarms \$1,000_	397 358	533 801	559 846	998 1 897	582 890	720 873	774 1 145	1 302 2 319
Hirad farm labor	202 775	233 1 943	267 2 321	629 3 485	330 1 730	407 4 772	503 2 625	821 3 785
Contrect laborferms\$1,000	18	44 109	24	58 405	30	44	102	170
Repair and maintenance	33 384 1 355	515 2 619	46 565	495 972 5 031	102 608	104 727	210 806 4 192	396 1 326 6 984
Customwork, machine hire, end rental of machinery and equipment ferms_	1 355	373	2 752 317	5 031 704	3 132 370	2 888 534	4 192	918
\$1,000	494	946	957	1 557	1 079	1 466	1 492	2 347
Interest ferms			428	834	448	549	593	1 030
\$1,000	278 2 435	357 2 743						8 218
\$1,000 Cash rent	278 2 435 148 1 477	357 2 743 196 1 928	4 596 348 4 014	8 374 664 7 455	3 826 390 5 014	4 251 318 2 426	5 960 408 4 725	8 218 897 9 282
\$1,000 Cash rentferms	2 435 148	2 743 196	4 596 348	8 374 664	3 826 390	4 251 318	5 960 408	8 218 897

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Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of abbrevi	ations and symbols, s	see introductory	/ text]	1		·		
Item	Pocahontas	Palk	Pottawattamie	Poweshiek	Ringgold	Sec	Scott	Shelby
OPERATOR CHARACTERISTICS— Con.								
Operators by days of work off farm-Con.								
Any—Con. 150 to 199 days1987	. 37	27	35	27	16	23	24	24
1982 200 days or more	109	25 146 154	47 169	22 138 107	17 66 78	31 142	39 (173)	22 146
Not reported1987	73	48	187	57	55	108	166 54	106 76
1982	. 87	81	125	91	66	149	82	147
1987 operators by years on present farm: 2 years or less	31	22	61	61	20	51	32	56 54
3 or 4 years 5 to 9 years 10 years or more	118	34 72 385	79 156 808	49 96 534	21 52 339	48 129 588	39 113 446	162 634
Average years on present farm	20.2	20.9	20.8	20.4	21.4	20.2	19.7	19.1
Not reported	106	67	137	93	72	118	102	126
1987 operators by age group: Under 25 years	20	11 79	39	21	11	35	16	35
25 to 34 years 35 to 44 years 45 to 54 years	. 183	109 109	221 248 224	137 167 185	83 82 92	170 190 179	127 154 169	214 230
55 to 64 years	. 238	165 107	344 165	195	131	238	170	185 247
65 years and overAverage age		51.5	48.7	128 49.1	105 51.2	122 48.0	96 48.4	121 47.0
TYPE OF ORGANIZATION								
Individual or family (sole propnetorship)farms, 1987	766	434	997	701	427	755	616	895
1982 acres, 1987 1982	284 641	557 154 973 162 675	1 099 397 666 385 768	792 257 486	508 204 455	266 833	706 164 787	1 004 295 549
Partnershipfarms, 1987 1982		81 86	154 232	266 854 106 139	231 712 61 77	265 249 116 147	170 629 50 91	290 337 94 110
acres, 1987 1982	30 058 25 208	26 283 27 358	72 621 103 783	46 282 (D)	39 802 (D)	58 438 62 338	(D) 26 224	28 705 38 393
Corporation: farms, 1987 farms, 1987	43	58	76	21	9	50	62	38
1982_ acres, 1987_	. 44	50 (D)	70 51 893	15 972	14 (D)	49 27 240	60 (D)	37 (D)
Other than family heldfarms, 1987_		33 612 1	46 126 14	18 473	10 976	26 191 7	(D)	37 (D) (D) 2 5
1982 acres, 1987	(D)	9 (D)	12 3 426	2	(D)	(D) (D)	3 (D) (D)	5 (D) (D)
1982 Other-cooperative, estate or trust,	(D)	5 807	(D)	(D)	(D)	(D)	(D)	(D)
institutional, etcfarms, 1987farms, 1982	5 6	6	- 4	5	5	6	3	3
acres, 1987 1982	(D) (D)	3 359 468	(D)	2 300	3 560	(D) (D)	(D)	(D) (D)
1987 FARM PRODUCTION EXPENSES ¹								
Total form production expenses forms	900	577	1 241	820	EOE	024	724	1 031
Total farm production expenses	67 130 343	35 499 146	1 241 107 332 625	829 55 993 437	505 26 933 298	934 97 087 452	734 63 732 331	78 703 538
\$1,000_ Feed for livestock and poultryfarms_	12 251	2 670 217	27 720 806	8 428 610	4 133 438	28 140 598	12 210 458	19 442 754
\$1,000_ Commercially mixed formula feeds farms_	11 041	2 511 98	11 044 333	8 087 261	4 321 140	16 454 303	9 136 284	12 879 347
\$1,000	3 939	1 143	3 735	3 547	1 589	6 004	4 011	4 482
Seeds, bulbs, plants, and trees farms_ \$1,000_ Commercial fertilizer farms_	3 702	539 2 824	1 184 5 416	787 3 009	434 1 271 446	847 3 473 778	688 3 211 657	957 3 327 925
\$1,000_ Agricultural chemicals farms_	5 192 808	538 4 120 523	1 104 7 852 1 146	713 4 667 765	2 097 426	4 988 785	4 595 680	5 834 949
\$1,000 Petroleum products farms		2 476 560	6 220 1 225	2 984 816	1 391	3 476 885	3 247 724	3 318 1 012
\$1,000 Electricity farms	3 271	2 040 486	5 312 1 139	2 997 755	1 573 466	3 609 879	3 231 673	3 612 968
\$1,000. Hired farm labor farms	1 201	509 285	2 078	1 061	516 199	1 448 525	1 082 319	1 679 554
51,000	2 169	2 724	5 232	2 451	1 157	5 325	2 365	2 257
Contract labor	109	60 601	128 488	56 229	35 108	102 344	77 203	78 149
Repair and maintenance		489 2 325	1 165 6 534	756 4 587	483 2 169	863 5 167	713 3 294	987 5 148
Customwork, machine hire, and rental of machinery and equipment		283	669	426	231	544	407	635
\$1,000 farms	965	936 327	1 910 856	1 039	703 362	1 914 711	1 073	1 241 765
\$1,000 Cash rent	6 548	2 982 245	8 882 609	5 209 380	2 787 212	7 455 465	7 096 444	5 768 5 66
\$1,000 Property taxes farms	5 095	3 950 461	7 939 967	4 020 679	1 024 405	7 009 727	6 163 608	6 598 820
\$1,000. All other farm production expenses farms	. 1 824	1 712 577	3 246 1 241	2 043 829	1 129 505	2 141 934	2 785 734	2 325 1 031
51,000		3 118	7 461	5 182	2 554	6 145	4 040	5 126

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Date for 1987 include abnormal ferms. For meaning of abbreviation	ns and symbols, se	e introductory te	ext J					
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warran
OPERATOR CHARACTERISTICS Con.								
Operators by days of work off farm—Con.								
Any—Con. 150 to 199 days	59	22	27	18	26	28	17	35
1982 200 days or mora	40 349 278	25 208 203	26 170 177	14 103 87	13 75 109	22 90 86	13 131 136	32 192 192
Not reported1987	144 233	61 93	63 123	47 79	36 46	28 61	32 54	38 57
1987 operators by years on present farm:								
2 years or less	106 110	49 49	44 63	26 31	15 24	20 11	26 20	34 22 71
10 years or mora	210 1 076	98 592	123 764	77 359	49 321	51 364	47 330	472
Average years on present farm	19.1 278	20.5 97	21.3	20.9 71	22.8 51	22.1 44	21.2 69	21.2 93
1987 operators by age group:		14	24	12	12	9	5	12
Under 25 yaars25 to 34 years	71 364	156	162	93	63	61 103	58 110	88 126
35 to 44 years	386 363	178 161	227 249	120 96	98	108	105	173
55 to 64 years65 years and over	450 146	230 146	288 165	123 120	109 92	113 96	98 118	176 117
Average age	46.4	49.8	49.9	50.2	51.1	50.9	52.1	51.2
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	1 501 1 594	690 804	921 1 027	485 549	396 467	414 482	426 481	558 622
acres, 1987	368 711 376 149	231 632 243 654	309 081 319 059	220 254 209 040	178 719 169 158	171 528 189 691	144 739 158 478	197 614 208 115
Partnershipfarms, 1987	215	89 90	143	65 89	48	54 76	45 47	93 117
1982_ acres, 1987_	66 209	(D)	160 57 081	(D)	23 418 39 006	27 920	20 067 17 848	36 255 46 266
Corporation:	68 305	25 915	58 618	49 681		(D)	1	40 200
Family heldfarms, 1987 1982	55 42	92 78	48 41	14 21	15	19 18	20 24	33
acres, 1987 1982	27 833 (D)	(D) 55 596	(D) (D) 2	(D) (D)	(D) (D)	11 915 (D)	(D) (D)	26 283 (D) 3
Other than family heldfarms, 1987	5 6	7 3	1		2	2 4	ī	10
acres, 1987 1982	(D) (D)	(D) 394	(D) (D)	-	(D) (D)	(D) (D)	(D)	(D) 2 258
Other - cooperative, astate or trust,								•
institutional, atcfarms, 1987 1982 acres, 1987	4 5 (D) (D)	7 7 (D)	1 1 (D) (D)	1 -	2	1 - (D)	(D) (D)	2 1 (D) (D)
1982	(D)	1 973	(D)	(D)	(D)	-	(D)	(D)
1987 FARM PRODUCTION EXPENSES ¹								
Total farm production expenses	1 777 274 128	888	1 107 78 649	567 27 816	462 28 855	483 23 900	493 25 927	691 36 567
\$1,000 Livestock and poultry purchasedfarma \$1,000	1 194 115 840	72 277 328 13 285	525 11 282	27 816 273 3 571	28 855 238 7 777	23 900 211 2 961	240 4 286	320 5 517
\$1,000 Feed for livastock and poultry	1 351	426	763 10 925	418 4 480	342 4 966	365 4 112	347 3 798	475 6 073
\$1,000 Commercially mixed formula teeds	61 977 632 18 332	11 276 243 5 575	326 4 196	212 1 497	112 2 440	238 1 586	199 1 646	289 2 914
Seeds, bulbs, plants, and trees	1 514 5 712	807 3 518	1 041 4 446	522 1 459	431 1 167	452 1 346	421 1 267	819 1 983
Commercial fertilizar farms	1 407 8 448	753 5 111	992 6 662	478 2 221	403 1 810	427 2 047	387 2 226	570 2 641
\$1,000_ Agricultural chemicalsfarms \$1,000	1 507 5 256	794 3 729	990 4 729	497 1 670	403 1 153	438 1 646	408 1 329	597 1 992
Petroleum products	1 719 5 954	854 3 331	1 088 3 945	558 1 778	462 1 366	476 1 202	486 1 463	668 2 002
Electricity	1 630 3 322	782 1 407	989 1 516	477 623	410	422 513	439 410	616 699
Hired farm labor	1 138 10 027	472 4 275	517 3 739	295 1 060	(D) 215 1 158	214 1 258	226 1 077	311 2 209
Contract labortarms \$1,000	123 667	81 133	47 261	48 109	37 (D)	35 62	49 124	77 337
Repair and maintenance	1 556 8 837	825 4 594	994 5 130	516 2 217	(D) 397 1 445	427 1 757	421 1 899	658 2 499
Customwork, machine hire, and rental of machinery and equipment	1 036	503	645	317	315	297	214	359
\$1,000	2 389	1 742	1 600	612	667	560	526	747
Interestfarms \$1,000	1 273 13 638	607 6 303	778 6 914	410 2 819	279 2 260	308 2 146	279 2 442	509 3 492
Cash rentfarms	987 14 211	411 5 896	555 8 672	199 1 287	169 1 072	119 875	199 1 973	195 1 832
Property taxesfarms	1 475 2 954	704 2 354	931 3 006	453 1 126	400 1 346	415 1 249	420 1 091	575 1 676
All other ferm production expenses farms	1 776	888	1 107	567 2 783	462 2 134	483 2 166	493 2 018	691 2 867

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of ab	breviations and symbols,	see introductory t	text]					
Item	Washington	Weyne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
OPERATOR CHARACTERISTICS— Con.						~		
Operators by days of work off farm—Con. Any—Con.								
150 to 199 days1	987 31 982 22	13 11	30 32	22 22 92	42 32	39 34	13 17	24 15
200 days or more 1		74 74	172 147	92 82	170 138	171 171	74 83	108 115
Not reported1	987 81 982 96	68 85	83 122	44 93	80 162	75 147	39 70	42 91
1987 operators by years on present farm:	46							
2 years or less 3 or 4 years 5 to 9 years	46 58 127	14 27 56	43 75 128	28 28 88	68 60 206	46 64	26 15	42 28
10 years or more Average years on present farm	581 (339 22.7	670 20.0	421 20.4	812 19.8	128 859 20.7	46 401 22.3	81 559 22.5
Not reported		76	118	70	162	124	52	88
1987 operators by age group: Under 25 years	28	17	20	22	40	23	10	44
25 to 34 years 35 to 44 years	172	52 84	186 195	121 113	268 257	163 229	18 88 101	11 115 150
45 to 54 years55 to 64 years	208	99 149	214 291	132 178	257 319	195 260	102 158	169 224
65 years and overAverage age	110	111 52.7	128 49.1	69 47.9	187 47.9	151 49.3	73 49.6	127 50.5
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)farms, 19		439	888	550	1 080	889	475	701
acres, 19	982 758 987 212 158 982 219 732	526 216 138 220 379	979 332 111 334 080	192 537	1 174 272 889	1 081 351 779	564 179 145	792 287 726 285 008
Partnershipfarms, 19		59 70	92 115	196 313 47 71	301 648 201 252	380 695 103 136	183 586 47 81	285 008 48 88
acres, 19		29 727 35 683	42 147 47 318	15 935 18 650	68 585 69 793	60 758 63 619	26 100 35 565	(D) 39 767
Corporation: Family heldfarms, 19	87 87	8	42	38	15	25	17	44
acres, 19		17 (D)	37 (D)	28 28 902	18 7 494	22 (D)	14 (D)	41
Other than family heldfarms, 19	9] (97	11 623	(D) 5	(D) -	(D) 2	(D)	(D)	(D) (D)
acres, 19	982 12 987 (D) 982 4 427	(D) (O)	8 (D) 4 048	-	(D) (D)	(D) (D)	1 (D)	(D) (D)
Other—cooperative, estate or trust,	7 427	(6)	4 040	-	(0)	(0)	(0)	(0)
institutional, etcfarms, 19 acres, 19	182 5	5 2 (D)	6 7 (D)	1	10 4 (D)	3 4 (D)	3 (0)	2 4 (D)
	82 (D)	(D) (D)	(D) (D)	(D)	(ŏ)	712	(D) (D)	(D) (D)
1987 FARM PRODUCTION EXPENSES ¹								
Total farm production expensesfar	ms 936	506	1 032	838	1 306	1 027	537	795
Livestock and poultry purchasedfar	ms 568 mo 11 436	24 626 255	71 794 255	43 934 283	84 228 747 15 039	96 808 445	43 939 282	58 297 263
Feed for livestock and poultry fai	ms 750 000 22 361	4 557 394 3 075	5 840 401 12 866	4 956 326 4 975	1 158	30 176 599 14 077	6 459 370 6 962	7 176 334 5 731
Commercially mixed formula feeds fai	ms 420 100 12 683	236 1 354	161 7 570	207 2 187	16 521 770 8 227	248 3 987	221 3 210	221 3 256
	00 3 206	449 1 195	967 4 152	588 2 777	1 183 3 033	961 4 099	500 2 410	773 4 096
Agricultural chemicals fai	00. 5 069 ms. 822	421 2 042 414	926 5 715 928	572 3 703 609	1 168 4 800 1 157	928 7 023 951	506 3 635 512	750 5 385 768
Petroleum products fai	ms 918	1 251 486	4 692 1 018	2 741 636	2 853 1 281	4 349 1 012	2 877 536	4 145 794
	00 3 799	1 482 480	3 856 800	2 478 547	4 251 1 203	3 855 909	2 382 488	3 147 729
\$1,0 Hired farm labor far	00 1 429	477 228 600	1 438 567 4 993	831 369 1 294	2 223 721 3 423	1 560 674 3 132	659 328 1 329	977 477 2 624
Contract labor fai	ms 61	31	106	88	91	208	52	67
\$1,1 Repair and maintenance fai	000 161 ms 855	169 450	165 812	102 583	225 1 248	485 952	97 506	129 734
\$1,0 Customwork, machine hire, and rental of machinery and equipment	000 5 000 ms 525	1 834	5 008	2 525	6 108 928	4 894 724	2 539	4 041 443
\$1,0	1 230	609	941	911	1 970	2 070	648	1 348
	000 6 214	333 2 238	613 5 937	522 5 432	925 7 596	695 6 655	415 4 084	546 6 560
	000 5 120	136 1 399	461 4 758	386 6 831	553 4 585	450 5 535	334 5 450	383 5 720
Property taxes	000 2 536	487 1 302 506	784 2 476 1 032	528 1 405 636	1 111 3 452 1 306	841 2 867 1 027	463 1 583 537	589 2 042 795
	7 378	2 396	8 961	3 272	8 342	6 228	3 046	5 186

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

Deta for 1987 include abnormal ferms. For n	neening of eb	breviatio	ons and symbols, see	introductory text]					
Item			Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MACHINERY AND EQUIPMENT									
Estimated market velue of all machinery and						00.1	500	700	4 400
equipment	farms, 19 19 \$1,000, 19	982	82 599 93 542 5 242 462	770 896 47 044	518 598 24 559	864 947 53 868	508 514 21 018	700 794 42 775	1 183 1 321 74 720
Average per farm	19 dollars, 19	982	6 427 053 63 469 68 708	48 344 61 096 53 956	33 242 47 412 55 589	63 743 62 347 67 310	20 458 41 374 39 801	49 454 61 107 62 284	94 979 63 161 71 899
Motortrucks, including pickups	farms, 15		75 990 84 760	738 853	507 561	798 861	474 431	626 729	1 115 1 221
	number, 19		121 204 127 286	1 095 1 113	795 908	1 115 1 132	711 640	1 002 1 062	1 684 1 790
Wheel tractors	farms, 19	987 982	78 229 86 999	760 861	509 567	835 876	464 472	645 709	1 143 1 240
	number, 19	987 982	264 379 274 255	2 188 2 617	1 395 1 662	3 100 2 972	1 153 1 201	2 208 2 230	3 792 3 996
Grain and bean combines?	number, 1	982	51 340 52 528 55 396 55 135	446 511 453 567	301 341 330 352	427 354 428 354	252 237 322 245	407 428 427 459	687 837 714 867
LIVESTOCK AND POULTRY		502	33 .33	33,			2.0		
Cattle and calves inventory	farms 1	987	40 741	571	383	752	419	356	579
Calle did salves into no.	number, 1	982	52 300 4 131 811 5 610 550	721 60 567 81 003	460 40 528 52 717	868 85 252 102 356	427 44 217 46 068	510 43 472 77 802	720 69 555 68 524
Cows and heifers thet had calved	19	982	31 662 40 842	502 662	360 422	677 801	398 406	265 354	463 563
		982	1 337 250 1 776 598	26 424 34 385	18 631 22 669	37 628 45 646	22 892 24 212	12 695 20 198	15 574 21 109
Beef cows	1	982	25 846 33 858 1 044 065	487 642 25 324	357 416 (D)	367 490 17 385	387 399 22 179	252 331 12 244	414 501 13 202
Milk cows	numbar, 1 1 farms, 1	982	1 440 053 7 247	32 867 32 32	22 090	24 012 414	23 462	19 230	18 316 62 92
	1º number, 1º	982	9 630 293 185 336 545	69 1 100 1 518	23 (D) 579	481 20 243 21 634	43 713 750	37 451 968	92 2 372 2 793
Heifers and heifer calves	farms, 1	987 987	32 079 1 232 578	478 14 734	319 9 293	687 25 828	342 9 515	269 14 320	463 19 468
Steers, steer calves, bulls, and bull calves		987	35 469 1 561 983	527 19 409	345 12 604	665 21 796	375 11 810	308 16 457	504 34 513
Cattle and calves sold	11	982	42 170 53 436 3 461 601	593 738 37 783	389 477 24 914	769 873 38 721	440 440 26 544	377 534 40 605	595 738 61 387
0.1		982	4 497 536	47 594	34 084	42 819	24 509	59 845 75	55 393 146
Calves	number, 1	987	12 434 324 299 37 500	161 4 488 524	123 4 467 332	7 598 688	8 105 357	2 043 339	2 499 540
Odino	1 number, 1	982 987	46 858 3 137 302	644 33 295	395 20 447	754 31 123	340 18 439	469 38 562	661 58 888
Fattened on grain and concentrates			4 045 949 20 611 2 393 989	40 606 290 22 293	27 837 138 11 607	32 332 205 12 307	16 066 78 3 861	55 301 226 33 163	50 729 335 50 543
Hogs and pigs inventory	farms, 1	987	34 159	356	199	389	110 155	328 424	521 641
	number, 1	982 987 982	42 415 12 895 969 14 205 892	485 84 867 111 610	285 55 163 72 936	431 112 973 110 904	15 787 23 338	127 810 147 190	171 015 203 131
Used ar to be used for breeding	1	982	25 482 31 988	261 380	163 199	327 360	77 118	237 295	377 486
Other		982	1 641 095 1 676 849 32 937	11 481 14 254 347	7 741 8 588 185	15 756 14 939 378	1 891 2 906 100	15 485 15 798 311	20 677 24 973 503
O(16)		982	40 614 11 254 874	459 73 386	268 47 422	408 97 217	151 13 896	403 112 325	624 150 338
Hogs and pigs sold		982	12 529 043 35 888	97 356 368	64 348	95 965	20 432	131 392	178 158 542
Trogs and pigs sold	number, 1	982 987	45 253 23 367 520	514 151 203	313 87 900	458 167 849	170 30 659	464 238 000	687 295 457
Feeder pigs	farms, 1	982 987 982	23 613 292 8 151 9 514	170 320 59 96	114 900 39 52	202 462 119 132	34 229 24 29	256 573 79 101	307 092 93 105
	numbar, 1		4 405 253 4 217 818	23 030 26 065	12 416 15 177	39 654 69 773	4 722 (D)	60 356 56 810	39 309 40 952
Sheep end lambs inventory		987 982	6 046 7 233	55 91	23 37	62 53	64 60	44 54	135 143
		982	376 723 398 311	2 466 4 845	2 147 1 681	1 598 1 471	3 807 4 835	3 160 4 955 50	8 373 4 74 3 126
Sheep and lambs sold		982	6 177 7 519 546 920	56 93 2 358	29 35 2 621	61 50 1 201	69 63 3 418	59 3 176	142 10 454
blace and millate at towns are served.	1	982	424 691	6 123	1 610	1 179	4 124	5 671	3 554
Hens and pullets of laying age inventory		982	3 255 5 196 8 148 440	45 79 (D)	25 49 (D)	32 67 (D)	33 (D)	48 (D)	79
Brailers and other meat-type chickens sold.	1 farms, 1	982 987	8 115 934 768	(D) 11	4 976	(D) 3	(D)	(D) 17	(D) (D) 12 16
	number, 1	982 987 982	769 582 165 365 684	9 (D) (D)	3 (D) (D)	7 (D) 11 420	2 (D)	6 4 225 (D)	16 (D) 6 538
	1	30Z	J05 084 I	(U)	(0)	11 420 1	(0)	(0)	0 330

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]											
ltern			Biack Hawk	Boone	Bremer	Buchanan	Buena Vista	Buttar	Calhoun		
MACHINERY AND EQUIPMENT		-									
Estimated market value of all machinery and equipment		1982 1987	946 1 036 62 687	798 921 55 416	850 1 000 54 691	1 094 1 154 63 944	972 1 079 65 568	1 069 1 213 63 176	865 1 019 58 972		
Average per farm		1982 1987 1982	75 369 66 265 72 750	70 863 69 443 76 941	64 788 64 342 64 788	79 991 58 450 69 316	78 380 67 456 72 641	79 173 59 098 65 271	73 432 68 176 72 063		
Motortrucks, including pickups		1982	850 983 1 548	764 815 1 253	752 917 1 134	914 993 1 371	869 986 1 416	928 1 040 1 329	775 912 1 240		
Wheel tractors	number,	1982	1 512 892 969 2 973 2 977	1 311 755 899 2 652 2 847	1 243 808 971 2 866 3 022	1 503 1 015 1 099 3 361 3 338	1 468 902 1 022 3 112 3 241	1 382 1 011 1 094 3 457 3 373	1 453 834 905 2 880 2 815		
Grain and bean combines ²	ferms,	1987 1982	609 564 649 633	606 578 621 585	534 544 554 551	626 628 677 655	643 679 696 708	732 712 751 753	560 636 598 671		
LIVESTOCK AND POULTRY											
Cattle and calves inventory	number,	1982	333 463 23 189 34 967	242 355 23 128 33 702	460 582 32 570 38 052	549 619 35 650 44 751	220 348 29 886 46 037	481 635 31 364 43 104	200 373 22 041 41 122		
Cows and heifers that had calved	number,	1982	211 327 6 892 10 666	171 252 5 365 8 234	335 454 12 179 14 801	434 491 12 046 14 946	138 227 4 850 9 929	324 447 8 857 13 609	136 250 4 653 8 708		
Beef cows	farms,	1987 1982	145 225 3 657	162 235 4 823	116 194 3 161	202 272 6 102	127 220 (D)	226 317 5 201	132 236 (D)		
Milk cows	farms, number,	1982	6 423 79 134 3 235 4 243	7 642 18 28 542 592	4 018 233 297 9 018 10 783	8 515 253 266 5 944	9 363 14 14 (D)	8 745 110 164 3 656	8 407 7 23 (D) 301		
Heifers and heifer calves	farms,	1987	244	188	347	6 431 450	566 167	4 864 356	148		
Steers, steer calves, buils, and bull calves	number, farms, number,	1987	7 081 294 9 216	8 595 208 9 168	10 025 356 10 366	10 605 469 12 999	9 416 180 15 620	9 032 433 13 475	6 415 172 10 973		
Cattle and calves sold	number,	1982	343 469 16 582 22 932	247 362 22 524 31 169	462 576 18 651 19 354	557 607 28 421 29 435	223 356 34 627 43 091	497 650 25 200 29 889	213 384 25 174 49 702		
Calves	number,	1987	95 2 557	59 834	183 2 909	233 3 279	24 766	114 2 077	47 1 082		
Cettle	number,	1982 1987 1982	312 430 14 025 20 762	226 328 21 690 28 960	419 517 15 742 16 357	475 536 25 142 26 578	213 333 33 861 41 633	457 587 23 123 26 590	187 334 24 092 47 648		
Fattened on grain and concentrates Hogs and pigs inventory	number,	1987	186 10 394 365	146 18 079 223	203 10 935 306	244 18 847 524	159 30 302 419	302 18 475 491	121 21 159 252		
Togs and pigs inventory	numbar,	1982	400 161 850 136 277	315 89 857 103 264	391 92 147 97 860	559 190 242 192 183	507 211 505 216 176	606 191 209 199 074	252 378 104 726 123 956		
Used or to be used for breeding	number,	1982 1987 1982	236 259 15 477 13 846	152 223 9 601 11 661	224 291 12 300 11 710	397 435 25 402 22 485	297 365 24 890 23 328	336 424 22 416 21 658	180 259 11 162 13 119		
Other	number,	1982	348 385 146 373 122 431	218 295 80 256 91 603	293 375 79 847 86 150	496 527 164 840 169 698	406 495 186 615 192 848	479 588 168 793 177 416	238 359 93 564 110 837		
Hogs and pigs sold	number,	1982 1987 1982	380 424 274 583 229 871	238 329 176 737 185 102	324 415 179 130 171 725	542 593 371 961 336 104	449 544 387 636 369 008	520 657 366 044 327 848	282 408 203 288 210 877		
Feeder pigs	number,	1982	97 85 38 285 27 387	39 77 41 522 32 697	86 95 32 620 26 609	177 164 99 987 75 818	97 95 (D) 67 182	120 131 67 985 50 627	57 86 34 896 32 936		
Sheep and lambs inventory		1982	59 75 2 779	65 73 3 462	62 80 2 255	90 84 1 980	68 66 5 991	97 119 4 385	71 90 4 814		
Sheep and lambs sold	farms,	1982 1987 1982 1987	3 405 63 77 4 225	2 257 65 80 3 154	1 928 59 77 2 255	2 334 76 84 1 586	7 829 69 69 5 179	4 270 103 115 4 586	6 058 78 95 4 848		
Hens and pullets of laying age inventory	farms,	1982	3 477 30 55	2 548 23 41	1 452 36 60	1 854 95 105	7 793 21 44	4 663 51 84	6 823 16 35		
Broilers and other meat-type chickens sold	farms, number,	1982 1987 1982	(D) (D) 12 10 5 220 1 417	(D) (D) 1 2 (D) (D)	14 758 26 120 6 16 2 384 1 571	78 203 (D) 20 25 (D) 6 626	51 556 75 264 13 15 (D) 4 980	(D) (D) 19 18 5 603 8 944	(D) (D) 7 8 3 980 1 055		
				(0) 1	1 571	, 0 020	4 900 1	0 344 1	1 000		

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

Item		Carroll	Cass	Cedar	Carro Gordo	Cherokee	Chickasew	Clarka
MACHINERY AND EQUIPMENT		Carron	0433	Codar	Cana Caraa	Oncrowed	Omerasew.	Oldike
Estimated market value of all machinery and								
equipment	1982	1 176 1 280	772 884	965 1 130	754 874	940 1 064	826 920	443 506
A	\$1,000, 1987 1982	64 496 73 958	44 669 60 271	68 041 94 386	57 562 70 521	56 020 70 204	49 799 58 758	19 504 27 960
Averaga per farm	1982	54 843 57 780	57 861 68 180	70 509 83 527	76 342 80 688	59 595 65 981	60 289 63 867	44 027 55 257
Motortrucks, including pickups	1982	1 007 1 103 1 394	696 785	919 1 053 1 472	717 746	880 947	744 833	406 489
Wheel tractors	number, 1987 1982 farms, 1987	1 601 1 084	1 158 1 163 726	1 468	1 333 1 156 703	1 257 1 342 894	1 084 1 102 780	816 753 418
	1982 number, 1987	1 204 3 752	806 2 339	1 081 3 260	850 2 429	1 010 2 854	839 2 734	452 1 249
Grein and baan combines ²	1982 farms, 1987	3 637 804	2 364 510	3 413 648	2 566 511	3 271 623	2 797 549	1 245 252
	1982 number, 1987 1982	698 844 735	582 574 603	577 661 586	529 550 558	608 639 624	522 576 545	214 258 214
LIVESTOCK AND POULTRY								
Cattla and calves invantory	farms, 1987 1982	544 728	444 598	437 537	178 247	439 631	454 524	375 421
	number, 1987 1982	83 431 124 326	51 204 72 740	36 506 49 692	12 304 20 497	60 826 90 109	39 892 46 976	37 922 45 606
Cows and haifers that had calved	farms, 1987 1982	296 406	365 491	328 428	125 176	313 426	334 425	354 397
	number, 1987 1982	11 357 15 209	16 778 22 601	11 592 16 253	4 801 7 179	12 629 18 875	12 037 15 000	19 142 23 440
Beaf cows	1982	282 376	356 469	302 380	105 159	273 389	185 279	352 390
Milk cows	number, 1987 1982	10 802 (D) 19	16 133 (D) 21	10 261 14 025 37	4 039 6 545 22	(D) 17 207 50	5 761 8 601 167	18 903 23 054 11
MIIIN COMPANIE	1982 number, 1987	43 555	47 645	70 1 331	19 7 6 2	53 (D)	187 6 276	22 239
Heifers and heifer calves	1982 farms, 1987	(D) 421	(D) 363	2 228	149	1 668	6 399 350	386 316
Stears, steer calves, bulls, and bull calves .	number, 1987 farms, 1987	41 589 402	13 800 407	11 479 390	3 446 162	19 332 399	12 558 389	8 745 348
Cattle and calves sold	number, 1987 farms, 1987	30 485 569	20 626 470	13 435 456	4 057	28 865 458	15 297 459	10 035 383
	1982 number, 1987 1982	751 107 864 156 418	617 44 993 56 113	545 32 104 36 285	260 8 755 14 647	651 61 512 86 502	532 31 104 31 454	422 19 8 49 24 985
Calves	farms, 1987	86	127	86	36	73	142	171
Cattla	numbar, 1987 farms, 1987 1982	5 787 531 686	3 628 413 556	1 755 419 480	540 173 241	1 844 430 612	2 751 420 475	6 254 299 34€
	number, 1987 1982	102 077 148 700	41 365 51 562	30 349 33 394	8 215 13 146	59 668 83 416	28 353 28 179	13 595 18 512
Fattanad on grain and concentrates	farms, 1987 number, 1987	93 809	268 34 687	318 26 276	119 5 948	305 51 175	239 22 102	107 4 731
Hogs and pigs inventory	1982	667 732	307 405	464 570	271 346	426 536	361 411	176 220
	number, 1987 1982	276 269 264 138	92 848 121 940	205 394 211 648	118 343 156 148	176 533 201 429	128 286 138 430	39 199 47 937
Used or to be used for breeding	1982	492 537	210 300	365 446	213 279 21 940	285 360 20 027	265 331 15 793	141 179
Other	number, 1987 1982 farms, 1987	31 574 26 430 652	10 930 13 977 302	26 059 25 647 455	23 199 254	18 287 417	16 545 349	5 524 5 374 166
	1982 numbar, 1987	705 244 695	401 81 918	545 179 335	96 403	527 156 506	398 112 493	204 33 675
Hogs end pigs sold	1982 farms, 1987	237 708 688	107 963 324	186 001 481	132 949	183 142 438	121 885 375	42 563 192
	1982 number, 1987 1982	777 509 281 430 827	441 166 682 179 413	605 353 598 357 365	381 252 651 245 037	560 314 768 319 180	442 234 838 228 812	232 72 394 72 620
Feeder pigs		162 175	56 62	91	65 72	63	93 87	72 020 51 77
	number, 1987 1982	110 537 88 931	31 819 26 704	45 937 49 067	83 242 27 319	52 721 48 790	56 306 50 229	11 451 16 359
Sheep and lambs inventory	1982	48 59	66 77	147 161	44 64	58 74	41 33	41 41
Shaep and lambs sold	number, 1987 1982 farms, 1987	4 644 2 207 50	3 275 3 849 66	6 353 6 318 148	1 486 2 198 48	3 565 4 211 59	1 133 1 022 38	1 620 1 443 41
ondop and famos suit sections.	1982 number, 1987	72 4 464	77 2 656	159 7 144	69 1 117	80 6 619	33 850	41 1 155
Hens and pullets of laying aga inventory	1982 tarms, 1987	2 933	3 559 24	5 266 35	1 862	6 565	887 44	1 054 21
and parties of raying aga involvery and	1982 number, 1987	60 4 258	42 1 521	54 (D)	39 (D)	48 (D)	66 57 508	32 (D)
Broilers and other meat-type chickens sold	1982 farms, 1987 1982	(D) 14 8	(D) 4 8	(D) 9 9	(D) 6 5	4 780 9 5	(D) 13 10	(D) 4 3
	number, 1987	2 580	(D)	(0)	996	1 115	13 983	(D)

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

### MACHINERY AND EQUIPMENT1 Estimated market value of all machinery and equipment	[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]											
Estimated market value of all machinery and equipment	acatur)											
equipment												
Motortrucks, including pickups	444 512 19 211 25 437 13 267 19 681											
Number, 1987_ 1 141 1 925 1 653 1 525 1 342 695 1 691 1 873 1 579 1 378 743 1 982_ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	410 490											
1982_ 548 603 706 688 595 227 1987_ 594 747 629 651 561 270 642 317 642 317 642	632 821 442 483 1 303 1 428											
Cattle and calves inventory farms, 1987 240	223 209 253 211											
1982_ 392 1 259 716 912 393 502 1 259 716 912 393 502 1 259 716 912 391 35 140 4 20 1 20 1 20 1 20 1 20 1 20 1 20												
1982 256 1 144 490 689 308 480	343 413 47 375 35 236											
	312 379 22 945 30 680											
	304 377 22 252 30 047											
Milk cows	23 36 693 633											
Steers, steer calves, bulls, and bull calves farms, 1987 205 898 478 584 239 392	290 12 388 312											
Cattle and calves sold farms, 1987 249 1 127 603 703 285 449 1982_ 414 1 270 721 938 398 508	356 423 30 098											
1982_ 53 538 52 918 72 321 75 749 33 415 23 713 4 Calves	41 903 152											
	5 663 301 341 24 435 34 851 65											
Number, 1987 22 360 19 512 50 150 42 981 11 395 2 902 Hogs and pigs inventory	5 926											
1982_ 351 784 652 681 271 252 number, 1987_ 113 111 281 021 154 027 161 625 61 938 45 016 1982_ 125 464 240 069 188 040 183 593 74 739 52 364	183 43 626 46 798											
Used or to be used for braedingfarms, 1987	98 145 6 238 5 906 128 172											
1982 111 951 210 428 167 233 161 518 66 128 45 798	37 388 40 892											
Feeder pigsfarms, 1987 39	131 198 38 041 76 361 40											
1982 68 200 139 155 61 91 number, 1987 12 096 70 476 45 558 48 743 10 825 22 292	50 31 114 18 392											
Sheep and lambs inventory farms, 1987 76 59 80 63 38 96 1982_ 82 57 90 78 66 133 number, 1987 8 695 1 390 3 429 6 565 1 506 8 109	33 21 2 026											
1982 9 661 1 395 2 673 6 812 2 267 13 651 Sheep and lambs sold	921 32 24 1 700 940											
Hens and pullats of laying age inventory farms, 1987	20 32 (D) 1 179 2											
Broilers and other meat-type chickens sold farms, 1987 5 11 11 2 8 4 4 1982 2 16 8 9 9 5 5 11 1486 (D) (D) 1 4 4 305 1 8 9 1 9 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(D) (D)											

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include ebnorme! ferms. For meening	of abbreviet	ions and symbols,	see introductory	text]		-			
ltem		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MACHINERY AND EQUIPMENT	,								
Estimated market value of ell mechinery and equipmentfe	rms 1987	1 276	512	498	1 390	564	1 296	779	894
	1982	1 327 90 834	583 36 181	571 35 514	1 434 84 518	628 37 809	1 363 87 614	865 51 316	1 050 73 602
Average per farmdol	1982	105 626 71 186 79 597	43 211 70 665 74 118	43 489 71 313 76 163	90 687 60 805 63 241	56 568 67 038 90 076	101 306 67 603 74 326	76 579 65 874 88 530	85 427 82 329 81 359
Motortrucks, including pickupsfa	rms, 1987	1 162	498	479	1 266	517	1 175	746	822
	1982	1 215	559	527	1 209	560	1 238	810	910
num	ber, 1987	1 517	886	789	1 589	928	1 674	1 313	1 266
	1982	1 533	1 037	791	1 436	990	1 756	1 514	1 290
Wheel tractorsfe	1982	1 233 1 262	465 544	457 536	1 325 1 396	545 579	1 268 1 298	742 780	858 1 004
	ber, 1987	4 204	1 606	1 555	4 472	2 037	4 605	2 543	2 861
	1982	4 057	1 715	1 803	4 514	1 956	4 286	2 650	3 304
Grain and bean combines ²	rms, 1987	754	368	346	545	448	727	517	602
	1982	661	392	338	394	459	729	535	660
	ber, 1987	761	384	408	553	504	778	555	631
	1982	682	427	347	409	496	778	556	708
LIVESTOCK AND POULTRY									
Cattle and calves inventoryfa	rms, 1987	851	228	168	1 118	141	789	278	232
	1982	961	280	257	1 219	198	934	363	365
num	ber, 1987	77 712	16 895	25 598	114 601	15 933	76 477	20 579	18 996
	1982	82 837	25 174	43 377	120 772	26 445	89 871	26 147	37 198
Cows and heifers that had calvedfs	rms, 1987	682	192	111	897	105	601	198	147
	1982	773	237	169	1 022	146	755	264	245
nun	ber, 1987	31 536	7 046	4 619	46 227	4 158	27 185	5 655	4 828
	1982	32 100	9 206	8 077	49 143	7 335	31 617	8 061	9 652
Beef cowsfa	rms, 1987	214	182	85	368	100	260	157	125
	1982	286	226	153	474	140	361	209	209
nun	ber, 1987	7 288	(D)	(D)	12 934	(D)	9 542	(D)	3 903
	1982	8 550	8 622	7 384	17 282	(D)	13 057	5 856	8 326
Milk cowsfa	1982	514 557	17 18	27 21	598 648	10	394 472	50 77	26 51
num	ber, 1987	24 248	(D)	(D)	33 293	(D)	17 643	(D)	925
	1982	23 550	584	693	31 861	(D)	18 560	2 205	1 326
	ber, 1987	703 24 139	174 3 920	118 9 250	911 34 532	107 4 677	645 22 068	207 5 144	166 5 772
Steers, steer celves, bulls, and bull calvesfa	rms, 1987 bar, 1987	657 22 037	210 5 929	148 11 729	843 33 842	7 098	678 27 224	9 780	206 8 396
Cattle and calves soldfa	1982 ber, 1987	863 964 41 731	240 276 12 454	177 263 30 639	1 134 1 223 69 925	141 206 14 478	805 947 37 866	291 368 15 877	243 386 17 537
Calvesfe	1982 rms, 1987	43 612	15 784 51	47 453 37	69 237 601	26 699 25	51 456 267	20 895 68	37 7 09 36
num		7 459	901	770	14 198	547	6 876	1 242	691
Cattlefa		737	218	159	972	128	738	264	233
num	1982	845	237	215	1 048	186	848	341	356
	ber, 1987	34 272	11 553	29 869	55 727	13 931	30 990	14 635	16 846
	1982	35 675	14 174	45 667	53 815	24 396	45 439	18 995	36 042
Fattened on grain and concentratesfa		327 23 737	121 7 896	108 26 137	455 41 082	95 12 506	357 15 999	186 11 189	167 14 256
Hogs and pigs inventoryfa	rms, 1987	875	141	156	809	158	550	269	362
	1982	917	195	219	906	187	648	320	454
nun	ber, 1987	454 079	43 766	62 035	297 016	54 436	202 960	100 736	167 826
	1982	408 465	59 338	66 486	276 336	63 776	223 807	107 509	184 627
Used or to be used for breadingfa	rms, 1987	732	99	114	651	106	400	184	232
	1982	786	141	161	737	115	487	222	322
The state of the s	ber, 1987	58 377	5 702	7 436	40 320	6 542	24 317	11 645	21 646
	1982	48 487	7 229	7 590	31 180	6 945	25 292	13 663	26 431
Otherfa	rms, 1987	849	138	151	775	151	534	264	356
	1982	886	184	214	866	182	626	311	435
	iber, 1987	395 702	38 064	54 599	256 696	47 894	178 643	89 091	146 180
	1982	359 978	52 109	58 896	245 156	56 831	198 515	93 846	158 196
Hogs and pigs soldfe	rms, 1987	895	154	167	849	165	578	279	384
	1982	966	213	229	946	199	686	347	486
	ber, 1987	745 649	90 502	102 329	515 476	101 887	367 803	198 326	352 824
Feeder pigsfa	1982	598 542 224	106 133 32	108 423 43	413 115 216	116 435 35	381 759 131	188 188	323 349 67
ñuл	1982 ber, 1987	180 92 942	23 279	38 12 299	205 108 362	35 15 190	122 65 782	52 786	86 83 316
Sheep end lembs inventoryfe	1982 rms, 1987	83 481	25 520 35	(D) 40	62 834 48	23 593 26	56 608 80	34 779 35	58 923 64
	1982 ber, 1987	62 2 246	44 1 762	58 3 600	52 1 476	31 1 882	74 3 993 2 813	80 940 3 057	93 2 808 6 287
Sheep and lambs soldfa	1982 rms, 1987 1982	1 915 60 60	1 750 36 47	4 094 41 59	1 280 42 55	1 336 31 36	2 813 78 77	40 81	62 62 90
ńυπ	ber, 1987	1 576	1 483	3 145	1 383	1 878	4 544	1 406	2 224
	1982	2 107	1 391	4 850	1 097	1 288	3 013	2 431	7 455
Hens and pullets of laying age inventoryfa	rms, 1987	42	15	19	42	22	48	14	33
	1982	66	34	22	95	23	77	27	58
	ber, 1987	(D)	634	(D)	(D)	(D)	(D)	(D)	(D)
	1982	(D)	(D)	(D)	(D)	15 499	(D)	(D)	(D)
Brollers and other meet-type chickens sold fa	rms, 1987 1982 iber, 1987	3 9 (D)	3	10 ° 8 4 528	16 11 1 828	4 5 440	9 11 1 075	10 8 50 620	15 5 (D)
nan	1982	797	(D)	(D)	1 239	1 002	1 497	28 596	(D) (D)

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For m	eaning of	abbreviatio	ons and symbols, se	e introductory te	ext]					
ltem			Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Herrison
MACHINERY AND EQUIPMENT										
Estimated market value of ell machinery and									212	
equipment		1982	576 635	775 893	910 1 007	728 841	883 1 033	935 1 086	916 1 012	827 951
	\$1,000,	1982	40 381 53 953	52 356 74 753	60 145 70 241	42 940 43 653	72 260 80 490	71 368 85 740	65 608 80 742	46 015 62 471
Averege per farm	dollars,	1987	70 106 84 965	67 556 83 710	66 093 69 752	58 983 51 906	81 835 77 919	76 330 78 950	71 624 79 785	55 641 65 690
Motortrucks, including pickups	farms,	1987 1982	536 622	739 786	835 901	683 776	806 939	877 1 007	823 943	776 849
	number,	1982	1 097 1 254	1 358 1 397	1 255 1 258	1 273 1 139	1 378 1 426	1 209 1 407	1 445 1 423	1 369 1 406
Wheel tractors		1982	545 604	682 831	877 910	699 788	819 913	888 1 005	857 903	713 888
	number,	1987	1 944 1 946	2 474 2 846	2 764 2 819	2 251 2 364	2 948 2 982	3 192 3 670	3 134 2 927	2 152 2 705
Grein and bean combines ²	farms,	1987	360 440	560 602	531 541	463 469	635 680	686 745	630 634	516 603
	number,	1987	386 468	592 631	597 571	534 508	680 705	728 774	680 662	570 623
LIVESTOCK AND POULTRY										
Cattla and calves inventory	farms,	1987	251 329	250 357	305 400	439 569	118 226	218 350	305 390	421 558
	number,		24 036 34 991	22 841 41 124	31 733 40 507	40 423 61 762	8 710 23 648	17 652 30 158	27 671 54 313	43 961 50 019
Cows and heifers that had calved	tarms,		210	200	203	387	78	121	229	345
	number,		8 213	300 6 721	269 6 618	504 15 653	139 1 711	214 3 612	268 8 490	480 16 626
Beef cows	forms	1982	11 602 204	12 276 200	9 261	23 872	3 396	6 542 93	12 109 216	19 232 333
Deel Cows	number,	1982	267 (D)	295 (D)	223 5 301	494 15 357	129 1 448	165 (D)	255 (D)	457 16 186
Milk cows	·	1982	11 357	12 193	7 277	23 257	(D) 5	4 648 30	11 471 16	18 150 21
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	number,	1982	12 (D)	8 (D)	57 1 317	30 296	14 263	59 (D)	20 (D)	40 440
		1982	245	83	1 984	615	(D)	1 894	638	1 082
Heifers and heifer calves	number,	1987	205 7 040 228	190 7 125 221	233 7 681 257	366 10 102 405	95 4 121 88	6 040 188	233 7 517 264	336 12 411 386
Steers, steer calves, bulls, and bull calves	number,		8 783	8 995	17 434	14 668	2 878	8 000 B	11 664	14 924
Cattle and calves sold	farms,	1987 1982	262 338	255 372	318 421	447 586	128 224	243 358	319 397	440 578
	number,	1987 1982	31 271 39 201	20 570 41 074	45 014 42 503	28 523 46 222	15 081 34 215	19 264 27 467	25 951 51 778	34 320 32 575
Calves	farms, number.	1987	61 1 386	74 1 951	51 3 804	151 4 713	24 2 268	43 821	61 1 204	104 4 493
Cattle			232 286	214 315	293 384	374 504	122	230 334	302 360	397 474
	number,		29 885 36 253	18 619 37 501	41 210 38 114	23 810 40 076	12 813 31 770	18 443 26 160	24 747 49 372	29 827 26 792
Fattened on grain and concentrates	farms, number,	1987	104 25 313	116 15 142	214 36 906	134 15 250	80 8 852	176 15 492	215 21 049	206 18 742
Hogs and pigs inventory	farms,		140	167	370	275	306	350 462	368 433	219 314
	number,	1982 1987 1982	164 51 116 50 080	264 79 913 93 391	444 142 068 161 706	346 91 306 102 886	398 175 159 191 606	153 279 184 812	208 461 206 042	60 589 82 925
Used or to be used for breeding	farms.		103	104	263	191	246	255	270	140
•	number,	1982	117 6 984	166 8 605	320 17 118	245 10 811	306 22 973	20 606 20 606	307 26 268	210 8 614
Other	farms,	1982	6 243 138	8 696 165	18 016 354	11 525 267	25 085 297	21 396 338	22 188 355 419	10 429 212 299
	number,		156 44 132	253 71 308	426 124 950	331 80 495 91 361	377 152 186 166 521	446 132 673 163 416	182 193 183 854	51 975 72 496
Hogs and pigs sold	farms	1982	43 837 145	84 695 190	143 690 386	291	325	372	392	230
	number,	1982	167 88 460	291 160 850	469 281 287	374 159 939	423 296 079	494 270 403	462 397 416	329 131 271
Feeder pigs	farms,	1982 1987	71 617 25	157 040 42	286 447 90	165 039 65	330 038 67	301 264 89	350 759 94	173 687 54
	number,		26 10 461	22 734	91 55 548	35 993	52 060	43 645	76 210	78 47 464 68 121
Sheep and lambs inventory	forms	1982	10 304	19 044	44 749 82	32 017 56	65 709 54	32 876 48	50 575 57	25
Sheep and lambs inventory	number,	1982	19 (D)	106 4 405	88 3 762	59 1 846	79 2 451	71 2 547	68 1 890	38 1 285 1 942
Sheep and lambs sold		1982	1 352 16	5 140 76	6 469 84	2 759 57	3 135 57	4 596 50	2 211 59	24
	number,	1982	23 868	110 5 404	94 4 746	2 212	79 2 387	76 2 488	74 1 599	39 972
Hope and pullate of laws a service and	4	1982	1 503	7 948	9 365	2 233	2 445	5 022	2 195	1 791 32
Hens and pullets of laying age inventory	number.	1982	11 18 (D)	15 34 (D)	58 (D)	39 (D)	33 7 629	51 (D)	45 (D)	32 42 (D)
Broilers and other meat-type chickens sold		1982	(D)	(D) 8	28 527	(D) 10	(D)	(D) 14	(D) 9	(D) (D) 4
and other made type ornarial source	number	1982	1	(D)	19 10 080	6 (D)	5 (D)	1 449	14 1 662	5 800
		1982	(D) l	(D) l	6 979	1 150 l	(D)	(D) I	3 240	391

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of	abbreviations and aymb	ols, see introductor	/ text]					
Item	Hei	nry Howard	Humboldt	lda	lowe	Jackson	Jasper	Jefferson
MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipmentferms,	1982 7	12 782 12 888	685 779	689 777	849 967	1 020 1 138	1 110 1 273	523 653
\$1,000, Avarage per tarmdollars,	1982 52 1	22 51 664 17 55 249	51 635 69 708 75 379 89 484	37 570 44 213 54 528 56 902	50 934 57 101 59 993 59 049	48 068 64 452 47 126 56 636	65 350 80 475 58 874 63 217	29 640 44 698 56 673 68 451
Motortrucks, including pickupsfarms,	1982 6	65 678 63 742	623 725	658 718	758 872	935 1 042	1 054 1 161	484 600
number, Wheel tractorsfarms, number,	1982 1 1 1987 5 1982 6 1987 1 9	78 733 44 851 31 2 575	958 1 185 628 746 2 373	976 997 689 694 2 101	1 276 1 439 777 898 2 714	1 259 1 376 1 010 1 078 3 496	1 694 1 890 1 040 1 157 3 436	881 920 492 604 1 690
Grain and bean combines ² farms, number,	1982 4 1987 4	47 2 763 47 511 63 500 85 589 95 525	2 562 545 611 671 650	2 052 424 414 427 424	2 992 436 444 482 457	3 600 413 420 454 421	3 584 695 787 769 817	1 903 329 408 375 433
LIVESTOCK AND POULTRY								
Cattle and calves inventoryfarms, number,	1982 3		138 193 19 593 24 173	344 494 42 008 66 740	531 678 56 176 78 888	874 952 101 860 107 818	623 834 56 604 81 681	289 426 22 030 32 055
Cows and heifers that had calvedfarms, number,	1982 { 2		81 109 3 161 4 307	248 326 10 677 15 303	451 579 20 924 28 107	714 827 34 401 40 577	496 666 19 129 29 254	246 361 8 636 13 157
Beef cowsfarms, number,	1982 2 1987 6 1 1982 9 2	08 8 958	71 99 (D) 3 785	238 315 (D) (D)	430 542 19 618 25 721	555 670 24 783 30 354	469 620 (D) 26 188	238 344 7 932 12 226
Milk cowsfarms,	1982 1987 3	9 162 23 241 46 6 071 51 8 080	11 11 (D) 522	17 27 (D) (D)	43 91 1 306 2 386	226 278 9 618 10 223	35 65 (D) 3 066	15 40 704 931
Heifers and heifer calvesfarms, number, Steers, steer calves, bulls, and bull calvesfarms, number,	1987 4 2 1987 2	27 389	100 6 918 110 9 514	259 10 561 308 20 770	439 16 040 484 19 212	719 31 899 765 35 560	495 15 779 553 21 696	226 6 300 255 7 094
Cattle and calves soldfarms, number,	1987 1982 3	65 440 41 567 65 18 951	137 197 19 461 25 520	371 498 45 219 59 418	549 680 40 442 56 733	883 972 68 244 66 434	646 853 45 292 60 321	301 433 14 438 20 588
Calvestarms, number,	1987 1987 1 6	89 136 48 2 055	26 726	55 789	142 4 211	244 5 334	149 4 894	97 2 543
Cattlefarms, number, Fattened on grain and concentratesfarms,	1982 2 1987 11 4 1982 14 7 1987 1	01 22 251 22 188	122 178 18 735 22 990 87	347 476 44 430 57 355 264	487 593 36 231 50 841 308	784 831 62 910 57 209 443	575 727 40 398 53 164 363	262 365 11 895 16 843 134
number, Hogs and pigs inventoryfarms, number,	1987 1982 1987 98 4	24 341 96 393 34 97 867	16 946 191 265 94 428	38 152 301 362 92 215	29 051 417 564 157 258	44 528 514 608 134 589	31 487 469 601 208 087	7 597 209 285 76 832
Used or to be used for breedingfarms, number,	1882	84 271 26 319	101 884 122 169 10 631	112 396 195 243 10 075	189 326 349 477 20 504	149 940 410 509 19 505	235 740 383 489 25 383	87 537 160 219 9 291
Otherfarms,	1982 14 6 1987 2 1982 2	81 12 080 17 325 86 363 90 84 158	11 642 182 260 83 797 90 242	11 643 295 346 82 140 100 753	23 724 405 541 136 754 165 602	18 581 475 565 115 084 131 359	26 866 458 576 182 704 208 874	10 812 198 273 67 541 76 725
Hogs and pigs soldfarms, number,	1982 178 8 1982 209 2	02 148 071	208 295 181 669 202 532	326 385 166 880 180 680	427 592 251 391 309 862	534 634 241 784 230 220	486 638 348 770 388 371	224 310 143 447 156 704
Faeder pigsfarms, number,	1982		35 51 37 270 52 234	53 76 16 716 22 729	85 123 24 035 41 101	158 177 61 360 45 654	105 136 53 927 60 763	49 78 40 869 44 589
Sheep and lambs inventoryfarms, number,	1982 1987 3 5		60 71 1 940	45 58 2 488	86 96 3 933	53 56 2 226	84 125 4 220	60 74 4 434
Sheep and lambs sold	1982	72 37 77 44 04 3 635	3 185 66 78 2 301 2 769	2 564 51 62 2 985 2 404	4 609 91 99 3 587 3 455	1 878 51 64 1 647 1 368	4 227 89 133 3 276 3 767	3 429 58 78 4 289 4 108
Hens and pullets of laying age inventoryfarms, number,	1982	16 37 38 64 (D) (D)	16 39 33 756	23 41 (D)	29 65 (D)	57 95 (D)	44 61 (D)	27 42 2 709
Broilers and other meat-type chickens soldfarms, number,	1982 1987 1982 1987	(D) 48 880 2 4 6 5 (D) (D) (D)	(D) 1 7	(D) 5 7	(D) 2 13 (D)	34 713 18 13 5 826 2 544	(D) 8 11 1 180 1 746	(D) 2 3 (D) (D)
		,	,		. ,			

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 Include abnormal farms. For m	eening of	abbreviatio	ns and symbols, se	e introductory te	ext J	1				
ltem			Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MACHINERY AND EQUIPMENT										
Estimated market value of all machinery and								}		
equipment	ferms,	1987	966 1 135	931 1 078	778 952	1 569 1 747	606 726	1 108 1 257	486 560	381 469
	\$1,000,		63 022 66 303	58 150 71 565	50 980 73 813	120 890 150 428	34 118 46 663	67 975 83 465	39 396 46 061	14 718 18 083
Average per farm	dollars,	1987	65 240 58 417	62 459 66 387	65 527 77 534	77 049 86 106	56 300 64 275	81 349 66 400	81 062 82 251	38 629 40 688
Motortrucka, including pickups	farms,	1	814	863	743	1 400	589	1 024	456	361
	number,	1982	947 1 345	1 010 1 304	853 1 190	1 603 2 127	682 1 092	1 149 1 636	540 835	416 571
Wheel tractors	farms,	1982 1987	1 385 944	1 365 838	1 277 750	2 376 1 515	1 241 589	1 837 1 092	816 452	561 364
	number.	1982	1 026 3 231	1 028 3 135	865 2 478	1 606 5 340	697 1 997	1 202 3 678	522 1 577	410 1 104
		1982	3 128	3 725	2 675	5 485	2 285	3 738	1 577	1 079
Grain and bean combines ²		1982	540 524	520 490	531 575	1 124 1 298	387 448	623 614	329 407	162 174
	number,	1987 1982	602 533	531 501	550 617	1 223 1 380	413 470	644 659	367 421	172 186
LIVESTOCK AND POULTRY										
Cattle and calves inventory	farms,	1987 1982	555 657	572 717	423 551	381 546	373 434	558 665	196 259	326 383
	number,		42 057 51 464	70 179 81 535	35 442 48 622	34 223 55 334	30 923 35 943	42 648 50 640	12 841 19 246	35 463 44 290
Cows and heiters that had calved	farms.		494	438	380	213	291	438	162	308
	number,	1982	563 16 824	565 21 063	489 15 954	298 7 441	357 10 698	543 14 312	209 5 511	359 17 782
		1982	19 281	27 792	20 670	10 718	13 071	18 388	7 305	21 900
Beef cows	farms,	1987 1982	385 453	332 440	372 467	154 221	266 335	340 422	158 207	302 353
	number,	1987	13 185 16 093	15 508 21 807	(D) 19 839	(D) 8 063	9 004 11 131	10 309 13 609	5 320 (D)	17 302 21 434
Milk cows	farma,	1987 1982	124 137	143 174	15 38	69 92	38 51	119 147	9 8	10 16
	number,		3 639 3 188	5 555 5 985	(D) 831	(D) 2 655	1 694 1 940	4 003 4 779	191 (D)	480 466
Heifers and haifer calves	farms.		469	439	324	269	287	436	144	267
Steers, steer calvas, bulls, and bull calves	number.	1987	10 166 515	21 807 493	8 041 394	9 518 309	9 035 339	10 987 489	3 441 174	7 823 310
	number,		15 067	27 309	11 447	17 264	11 190	17 349	3 889	9 858
Cattle and calvas sold	farms,	1987	559 656	596 712	426 547	398 560	380 452	575 863	196 282	333 402
	number,	1987	28 176 31 469	57 820 56 675	20 688 29 381	35 072 57 340	24 919 24 226	31 574 31 430	8 665 1 13 206	19 700 24 695
Calves	farms,		191	125	142	95	123	149	51	154
Cattle	number,	1987	3 211 493	3 296 559	3 724 345	2 582 357	3 314 340	2 468 526	1 307 171	5 689 274
	number.	1982	555 24 965	621 54 524	436 16 964	519 32 490	390 21 605	597 29 106	241 7 358	340 14 011
Fattened on grain and concentrates	farms.	1982	26 865 282	51 470 329	24 095 202	53 320 248	21 164 217	27 875 302	11 771 120	18 063 74
	number,		17 764	43 347	11 869	28 752	17 619	23 209	5 852	5 904
Hogs and pigs inventory	farms,	1987	525 651	474 569	431 587	565 733	246 299	414 491	194 244	128 189
	number,	1987	200 151 232 770	195 494 200 119	186 830 260 655	231 869 265 836	105 055 120 566	126 014 128 866	65 601 86 800	27 794 37 519
Used or to be used for breeding	farms,	1987	433	347	377	434	185	314	164	94
	number,	1982	553 26 541	425 28 705	498 26 520	530 28 238	233 13 182	372 16 347	197 9 341	153 3 756
Other	farms,	1982	28 535 506	23 694 458	29 841 414	29 549 581	13 761 239	16 541 397	10 871 188	5 378 118
	number,	1982	625 173 610	545 166 789	562 160 310	70 6 203 831	282 91 873	470 109 667	236 56 260	181 24 038
		1982	204 235	176 425	230 814	236 287	106 805	112 325	75 829	32 141
Hoga and pigs sold		1982	551 688	501 605	461 612	619 781	280 320	434 525	204	129 209
	number,	1982	348 398 387 307	358 711 325 687	349 261 393 223	390 835 451 611	186 072 197 183	206 128 199 903	113 960 138 635	46 228 62 278
Feeder pigs		1982	145 196	92 103	119 131	149 150	56 83	88 103	49 69	28 50
	number,	, 1987 1982	62 485 82 630	71 987 43 963	68 770 62 200	55 334 57 060	29 053 39 891	22 565 26 872	15 330 24 354	8 157 12 636
Sheep and lambs invantory	tarms,	, 1987	141	74	86	112	53	120	40	44
	number,	1982	167 10 419	89 2 216	106 10 678	139 8 077	75 3 576	5 600	50 1 557	47 2 851
Sheep and lambs sold	farms,		9 708 141	3 346 70	9 902 87	6 718 118	8 781 56	4 765 123	1 383 46	5 674 46
	number,	1982	170 9 470	86 1 715	112 11 613	142 6 124	3 289	125 4 922	1 407	49 3 912
		1982	11 708	2 859	14 594	5 704	4 958	5 318	1 005	6 974
Hens and pullets ot laying age inventory		1982	109 133	41 69	39 48	62 97	26 58	42 75	23 27	16 28
		, 1987 1982	452 902 267 119	(D) 11 896	(D) (D)	(D) (D)	(D) (D)	(D) 15 387	(D) 1 424	(D) (D)
Broilers and other meat-type chickens sold		1982	25 27	6	12	29 15	5	10 14	4	1 2 (D) (D)
		, 1987	10 425	(D)	(D) (D)	6 097		3 215	(D)	

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of ebbrevietions and symbols, see introductory text]

[Data for 1987 include abnormal farms. For meaning of ebbreviet	ions and symbols,	see introductory	text]		1			
Item	Lyon	Madison	Mahaska	Marion	Marshail	Mills	Mitchell	Monona
MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipmentferms, 1987 1982 \$1,000, 1987	1 097	633	951	741	838	480	763	696
	1 249	759	1 050	837	934	527	848	774
	63 804	34 516	54 319	36 510	52 084	31 556	49 043	51 157
1982_	73 120	42 725	75 088	44 465	65 752	39 765	62 691	54 544
Average per farmdollars, 1987	58 162	54 527	57 118	49 272	62 153	65 741	64 276	73 501
1982	58 543	56 291	71 512	53 125	70 398	75 455	73 928	70 470
Motortrucks, including pickupsfarms, 1987	1 010	566	844	663	764	461	698	657
1982	1 138	683	967	763	879	466	752	716
number, 1987_	1 382	929	1 245	971	1 492	717	1 181	1 314
1982_	1 450	1 082	1 437	1 158	1 602	809	1 233	1 119
Wheel tractorsfarms, 1987	1 035	564	909	686	793	469	731	631
1982_	1 136	699	968	744	851	500	814	696
number, 1987	3 638	1 629	2 844	1 984	2 876	1 504	2 787	2 280
1982_	3 451	1 957	2 790	2 271	2 738	1 522	2 891	2 261
Grein and bean combines ² farms, 1987	717	415	639	424	517	290	474	466
1982	620	391	611	448	540	306	510	456
number, 1987	754	440	696	445	549	331	487	515
1982	644	395	656	456	582	319	511	499
LIVESTOCK AND POULTRY								
Cattle and celves inventoryfarms, 1987	611	481	497	424	376	211	310	280
1982	822	584	646	553	495	282	385	361
number, 1987	68 536	43 367	45 031	32 336	34 325	20 690	34 499	36 132
1982	94 604	62 450	62 768	47 061	46 488	31 545	39 178	54 651
Cows and heifers that had calvedfarms, 1987	371	433	365	349	297	166	192	195
1982	524	546	466	462	413	233	259	253
number, 1987	14 573	19 627	12 668	12 720	11 118	6 560	6 828	8 665
1982	22 471	27 772	17 651	19 024	15 181	9 813	9 749	10 922
Beef cowsfarms, 1997 1982 number, 1987 1982	260 383 10 033 16 575 131	431 540 19 540 27 380 15	332 416 11 378 15 522 45	323 418 11 400 16 695 35	285 397 10 384 14 368 16	162 226 (D) 9 570	99 147 (D) 5 203 108	189 237 (D) 10 421 11
Milk cowsfarms, 1987 1982 number, 1987 1982	190 4 540 5 896	32 87 392	71 1 290 2 129	71 1 320 2 329	28 734 813	12 (D) 243	133 (D) 4 546	25 (D) 501
Heifers and heifer calves	425 21 300 509	400 11 056 442	379 14 760 426	336 9 426 379	290 7 413 339	166 6 383 180 7 747	237 10 522 264 17 149	218 8 054 244 19 413
number, 1987 Cettle and caives sold	32 663 647 853 77 120	12 684 495 593 23 121 36 555	17 603 515 651 43 056 50 393	10 190 437 572 21 217 32 170	381 510 27 017 34 771	219 290 22 941 32 488	325 400 34 441 35 442	291 369 31 269 45 133
1982 Calvesfarms, 1987 number, 1987 Cattlefarms, 1987	97 228 136 3 450 593	191 4 958 410	150 4 036 443	144 3 941 372	82 1 432 337	62 1 580 191	91 5 750 303	76 2 105 262
1982 number, 1987 1982 1982 Fattaned on grain and concentrates	766	471	572	480	460	243	366	317
	73 670	18 163	39 020	17 276	25 585	21 361	28 691	29 164
	92 077	28 273	46 495	26 255	32 276	30 663	32 445	41 128
	371	142	286	147	224	102	192	140
	59 096	7 747	33 527	9 413	19 888	18 083	23 938	23 587
Hogs and pigs inventoryfarms, 1987	549	238	468	340	273	143	360	207
1982	687	353	610	460	326	207	404	260
number, 1987	189 960	70 962	229 932	128 545	109 260	42 230	144 939	56 189
1982	199 958	95 328	275 641	161 193	112 431	57 521	159 248	67 353
Used or to be used for breedingfarms, 1987	365	198	375	284	214	98	271	155
1982	416	280	495	393	238	150	299	207
number, 1987	23 920	9 506	29 908	19 331	14 533	5 203	20 338	7 793
1982	20 736	11 784	32 874	23 651	14 143	6 551	19 428	8 777
Other	532	225	455	310	268	136	342	197
	668	338	589	441	313	192	390	246
	176 040	61 456	200 024	109 214	94 727	37 027	124 601	48 396
	179 222	83 544	242 767	137 542	98 288	50 970	139 820	58 576
Hogs and pigs soldfarms, 1987	580	255	499	357	284	145	375	222
1982	736	371	653	491	355	220	429	287
number, 1987	403 912	121 878	405 297	225 300	190 438	75 932	271 883	100 178
1882	362 756	156 908	444 723	277 964	197 826	103 686	248 957	116 473
Feeder pigs	158	68	97	122	50	18	97	55
	143	126	149	152	59	38	72	63
	106 550	23 323	57 202	62 235	22 081	6 228	45 655	17 788
	69 208	38 889	70 575	70 132	32 272	22 494	26 576	19 926
Sheep and lambs inventoryfarms, 1987	84	61	81	41	85	21	56	31
1982	86	71	81	45	88	19	64	37
number, 1987	6 836	4 644	4 268	2 845	4 058	991	1 608	1 447
1982 Sheep and lambs sold farms, 1987 1982 number, 1987 1982	7 118 84 100 6 810 7 617	4 925 59 73 4 963 4 739	6 219 80	5 795 41 46 2 381 5 389	3 694 82 85 4 728 3 013	968 22 21 919 1 182	3 076 52 68 2 037 3 261	2 915 34 37 1 909 2 257
Hens and pullets of laying age inventoryfarms, 1987	43	27	52	32	22	15	51	29
1982		47	83	57	34	15	64	35
number, 1987		(D)	(D)	(D)	(D)	(D)	(D)	1 257
1982_ Broilers and other meat-type chickens soldferms, 1987 1982 number, 1987_ 1982	(D) (D) 14 18 4 630 2 639	(D) 2 2 (D)	147 085 9 2	(D) 7 6 490 (D)	76 302 6 6 1 345	(D) 2 (D)	408 418 10 13 (D) (D)	7 019 - 4 - (D)

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Deta for 1987 include abnormal farms. For m	neaning of	abbreviat	ons and symbols,	see introductory	text]					·-
Item			Monroe	Montgomery	Muscatine	O'Brien	Osceole	Pege	Palo Alto	Plymouth
MACHINERY AND EQUIPMENT										
Estimeted market value of all machinery and										
equipment		1982	441 476	560 622	613 743	1 111 1 221	658 752	771 840	932 942	1 465 1 624
	\$1,000,	1982	17 376 21 594	34 806 40 846	41 380 52 689	70 780 79 897	43 347 56 187 65 876	39 086 52 119	57 585 74 375	86 359 106 423
Average per farm	dollers,	1987	39 402 45 366	62 154 65 669	67 504 70 914	63 709 65 436	65 876 74 717	50 895 62 047	69 212 78 955	58 948 65 531
Motortrucks, including pickups	farms,	1987	410 415	500 563	583 725	1 004 1 087	619 714	716 766	788 856	1 335 1 458
	number,	1982	602 598	790 902	1 074 1 231	1 440 1 361	936 963	1 145 1 192	1 092 1 192	1 922 2 001
Wheel tractors		1982	431 427	542 559	526 709	1 064 1 146	621 653	770 799	789 853	1 405 1 524
	number,	1987	1 227 1 044	1 821 1 696	1 947 2 536	3 662 3 568	2 275 2 083	2 343 2 242	2 827 2 818	4 580 5 032
Grain and been combines?	ferms,	1987 1982	247 180	308 346	354 463	737 643	474 487	481 500	627 616	804 864
	number,	1987 1982	276 190	340 368	369 475	875 685	508 503	537 513	675 635	856 942
LIVESTOCK AND POULTRY										
Cattle and calves inventory	farms,	1987 1982	364 400	298 407	282 387	359 500	253 338	481 597	193 323	700 960
	number,		35 617 47 460	28 423 48 336	25 062 36 239	54 124 86 946	28 895 39 010	43 961 60 147	18 480 30 078	84 391 123 072
Cows and heifers that had calved	farms,		319	233	234	224	129	406	107	468
	number,	1982 1987 1982	365 17 201 22 254	300 9 649 13 758	329 9 654 13 556	290 8 473 12 004	180 3 770 5 408	496 15 765 19 044	191 3 722 6 078	627 16 957 26 967
Beef cows	farms.		307	228	210	172	76	398	87	433
	number,	1982	349 16 335	293 9 355	288 8 217	234 (D) (D)	111 (D)	487 15 498	164 3 032	568 15 147
Milk cows	ferms,		21 223 23	(D) 11	11 690 33	61	3 648 58	18 629 14	5 271 22	23 759 58
	number,		36 866	26 294	56 1 437	72 (D)	80 (D)	25 287	39 690	91 1 810
Heifers and heifer calves	farms	1982	1 031 248	(D) 214	1 866 222	(D) 285	1 760	415 394	807 123	3 208 518
Steers, steer calves, bulls, and bull calves	number,	1987	8 085 320	7 377 272	5 872 249	19 159 310	10 526 199	11 412 448	6 484 163	32 916 593
	number,	1987	10 331	11 397	9 536	26 492	14 599	16 784	8 274	34 518
Cattle and calves sold		1982	376 408	327 419	292 383	383 519	281 370	509 610	202 349	725 1 007
	number,	1982	25 674 28 435	22 542 39 338	16 343 23 985	84 383 107 597	27 943 45 363	32 547 43 304	20 301 33 524	90 862 113 739
Calves	farms, number,	1987	157 5 461	85 1 929	69 1 837	86 1 828	63 1 856	143 3 943	22 (D)	135 3 554
Cattle	farms,	1987 1982	304 326	303 376	271 334	345 471	259 349	455 546	189 323	662 924
	numbar,	1982	20 213 20 617	20 613 35 173	14 506 20 977	82 555 104 414	26 087 43 240	28 604 38 282	(D) 31 338	87 308 106 971
Fattened on grain and concentrates	numbar,		83 4 740	157 13 869	181 10 355	236 74 447	162 21 70 8	241 21 838	143 16 624	429 71 146
Hogs and pigs inventory	farms,	1987 1982	136 206	214 265	240 349	517 560	253 332	291 375	327 386	818 988
	number,		31 163 50 127	60 940 71 772	90 399 119 314	219 137 209 620	97 133 104 566	82 009 104 522	113 232 128 830	331 551 362 917
Usad or to be used for breeding	farms,		103	167	182	350	154	213	226	645
	numbar,		171 4 952	199 8 233	272 10 087	25 777	183 10 916	272 10 526	281 13 532	771 46 895 44 789
Other	farms,	1982 1987 1982	6 877 127 183	8 888 206 257	12 821 231 337	22 900 502 535	11 049 246 317	11 181 283 371	14 346 323 374	794 955
	number,		26 211 43 250	52 707 62 884	80 312 106 493	193 360 186 720	86 217 93 517	71 483 93 341	99 700 114 484	284 656 318 128
Hogs and pigs sold	farms,	1987	140	234	257	555	265	302	350	846
	number,		74 192	287 98 742	370 151 079	593 407 792	359 178 518	398 146 771	423 218 969	1 035 623 187
Feader pigs	farms,		91 407 32	109 134 31	182 715 40	400 383 109	190 278 62	170 649 48	225 612 72 67	576 603 207 258
	number,	1982 1987 1982	67 26 832 28 532	34 7 082 5 703	55 12 781 14 369	119 63 531 67 715	68 (D) 36 218	65 23 844 22 754	(D) 29 679	138 681 117 983
Sheep and lambs inventory	farms,	1987	36	32	69	66	47	37	46	81
	number,		48 1 763	2 000 2 000	73 2 888	96 3 313	3 812	35 1 724	4 073	101 6 506
Sheep and lambs sold	farms,	1982 1987 1982	3 747 37 46	2 395 32 39	2 423 70 75	4 448 75 99	14 085 51 62	3 375 37 39	4 349 52 70	4 821 81 106
	number,		1 698 4 077	1 030 2 968	2 588 2 185	3 734 4 662	3 516 31 304	1 642 2 683	4 881 13 259	7 577 5 049
Hens and pullets of laying age inventory	farms,	1987	16	18	29	30	20	40	30	66
	number,	1982 1987	29 (D)	41 2 198	45 2 616	40 (D)	33 (D)	54 (D)	28 (D)	85 (D)
Broilers end other meat-type chickens sold	farms,		14 383	(D) 5	(D)	(D) 22	85 832 11	(D)	(D) 10	(D) 9
	number,		-	953	380 (D)	(D)	3 283	250 230	(D)	6 940 6 900
		1982	-	l (D) !	(D)	(D) I	(D) I	92 l	1 375 l	(D)

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include ebnormal farms. For meening of abbreviations and symbols, sea introductory text]

Item			Pocahontes	Polk	Pottewattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MACHINERY AND EQUIPMENT										
Estimetad merkat velue of all machinary and										
equipment	farms,	1987	892 1 037	577 705	1 241 1 417	829 955	505 601	933 1 043	734 861	1 031 1 159
	\$1,000,		73 155 80 554	42 794 46 087	86 705 108 700	53 302 59 410	25 645 35 922	59 858 75 041	51 222 72 199	58 979 66 523
Avaraga per farm	dollars,		82 012 77 680	74 167 65 372	69 867 76 712	64 297 62 209	50 782 59 771	64 156 71 947	69 785 83 855	57 205 57 397
Motortrucks, including pickups	farms,	1987	827	550	1 187	784	474	835	676	929
	numbar,		923 1 267	639 1 020	1 288 2 180	902 1 433	581 795	883 1 385	820 1 170	1 036 1 409
Wheel tractors	farms,		1 303 872	1 131 570	2 127 1 192	1 464 805	925 4 5 2	1 352 904	1 359 703	1 403 949
	numbar,		914 2 929	635 2 107	1 338 4 175	908 2 684	571 1 268	923 3 310	825 2 420	1 010 3 322
Grain and bean combinas ²	forme	1982	2 962 672	1 796 369	4 288 761	2 769 546	1 840 374	3 191 665	2 843 475	3 146 688
Crain and Soan Combines	number,	1982	726 716 804	429 436 454	857 820 912	561 606 604	375 426 405	565 746 630	559 488 580	679 721 694
LIVESTOCK AND POULTRY										
Cattle and calves inventory	farms,		190	182	620	549	408	314	327	537
	number,		291 17 634	279 12 845	838 71 137	675 50 206	498 48 738	484 50 886	412 29 426	713 48 485
Cows and heifars that had calved	farme	1982	27 519 105	18 948 148	110 274 465	67 206 461	64 801 379	83 529 223	42 110 240	76 412 400
CONS and Honars that had carred	numbar,	1982	158 2 737	221 5 399	612 19 357	592 19 305	457 24 389	332 9 659	291 8 403	538
		1982	3 706	6 419	24 065	26 795	29 270	15 601	11 168	13 652 20 643
Baef cows	farms,	1987 1982	100 145	137 207	456 588	447 568	371 448	210 306	208 238	380 508
	number,	1987 1982	(D) 3 213	(D) (D)	18 819 22 857	18 175 25 379	23 760 28 153	8 701 (D)	(D) (D)	(D) 19 718
Milk cows		1982	8 20	13 21	16 35	37 55	14 39	25 33	38 64	24 45
	number,	1987 1982	(D) 493	(D) (D)	538 1 208	1 130 1 416	629 1 117	958 (D)	(D) (D)	(D) 925
Haifars and haifar calvas			131	130	499	444	326	244	259	390
Stears, steer calves, bulls, and bull calves		1987	7 072 146	3 352 156	23 580 549	13 000 504	10 523 371	17 472 262	9 708 285	10 883 484
Sattle and calves sold	numbar,		7 825	4 094	28 200	17 901	13 826	23 755	11 315	23 950
Cattle and calves sold		1982	194 297	190 284	661 866	555 679	419 509	335 516	336 407	570 732
	number,	1982	21 794 32 020	9 723 12 132	76 811 135 886	33 067 43 211	31 142 39 997	61 660 92 379	27 657 32 316	48 160 63 787
Calves	farms, number,		47 (D)	50 895	122 3 877	157 3 861	163 6 457	64 1 258	52 1 005	92 1 275
Cattle	ferms,	1987	177 273	167 253	611 794	493 594	348 425	308 463	309 380	532 654
	number,		(D) 30 856	8 828 10 587	72 934 131 761	29 206 37 935	24 685 31 938	60 402 89 4 4 6	26 652 31 039	46 885 58 610
Fattened on grain and concantratas	farms, number,	1987	110 19 254	95 6 246	418 65 241	278 18 245	113 9 340	205 53 479	251 24 155	360 39 296
Hogs and pigs inventory			295	135	437	358	200	428	315	475
	numbar,		357 117 257	193 40 105	552 129 690	449 115 340	242 53 648	502 216 125	407 137 419	556 173 260
Handa da ba anada da anga		1982	118 356	48 428	156 399	143 878	55 945	210 702	152 193	180 367
Used or to be used for braading		1982	191 234	107 147	318 414	274 371	159 193	331 377	246 319	320 372
Other	number,	1982	13 308 13 504	5 603 5 703	16 583 19 924	15 734 16 934	6 524 6 494	26 953 25 782	16 612 17 140	20 228 19 481
Othar	number.	1982	287 347 103 949	131 178	423 525 113 107	353 432	194 233	412 481	311 388 120 807	468 539 153 032
	number,	1982	103 949	34 502 42 725	136 475	99 606 126 944	47 124 49 451	189 172 184 920	135 053	160 886
Hoga and pigs sold	farms,	1987 1982	309 392	143 210	477 590	369 473	203 265	439 526	327 429	494 598
	number,		223 982 229 947	72 283 84 245	236 754 255 594	210 378 209 221	89 166 84 991	384 486 347 790	217 350 231 892	299 342 297 422
Faadar pigs	farms,		53 82	38 48	106 115	64 88	41	116 117	45 53	117
	number,	1987	(D) 57 059	8 774 16 427	50 002 59 817	(D) 22 206	14 485 13 444	74 802 66 291	12 065 15 304	(D) 58 808
Sheep and lambs inventory	farms,		36	36	68	75	29	84	72	47
	number,	1982	51 2 429	54 1 903	89 2 954	92 4 818	31 1 938	111 6 624	69 1 914	69 1 790
Sheap and lambs sold		1982	2 526 37	2 820 38	5 090 67	4 061 81	1 387 32	6 542 86	2 386 67	2 525 45
	number,	1982 1987	59 2 952	58 2 111	90 2 015	94 6 613	30 1 638	113 6 403	71 1 584	73 1 702
Name of the Control o		1982	3 623	3 418	3 829	3 745	1 216	5 300	1 713	2 454
Hens and pullats of leying age inventory		1982	13 33	13 18	57 81	22 46	13 22	40 56	29 43	41 48
B. 18	number,	1982	(D) (D)	(D) (D)	(D) 26 648	(D) (D)	(D) (D)	(D) (D)	(D) 41 959	(D) (D) 9 7
Broilars and other meet-type chickens sold		1982	11 8	3	8 6	5	1	8 9	10 7	9 7
	number	1987	(D)	18 500	1 424	(D)	(D)	(D)	2 087	(D) 1 080

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include ebnormel farms. For meaning of at	obreviations and symbols	, see introductory	text]					
llem	Sioux	Story	Tama	Teylor	Union	Van Buren	Wapello	Warren
MACHINERY AND EQUIPMENT				·				
Estimated merket value of all mechinery end	1 777	000	1 107	567	460	400	400	604
equipmentfarms, 1	1982 1 904	888 982 54 360	1 107 1 230 73 617	660 24 340	462 538 19 253	483 580 22 942	493 555 23 591	691 783 34 528
Average per farmdollers, 1	982 113 316 987 56 003	75 952 61 216	88 062 66 501	32 620 42 928	22 188 41 673	29 705 47 498	36 685 47 853	45 432 49 968
Motortrucks, including pickupsfarms, 1	982 59 515 987 1 607	77 344	71 595 1 047	49 424 540	41 242	51 215 457	66 099 451	58 023 654
number, 1	982 1 630 987 2 278	892 1 480	1 075 1 675	638 807	479 725	510 741	505 677	731 1 214
Wheel trectorsfarms, 1	982 2 092 1 686 1 725	1 568 841	1 695 1 066	935 534	691 431 479	776 450 529	655 456 554	1 139 638 685
number, 1	982	921 2 895 3 171	1 147 3 7 34 3 818	633 1 435 1 579	1 443 1 349	1 412 1 495	1 357 1 499	1 838 1 762
Grain and been combines ² farms, 1	987 932	565 581	756 703	382 398	237 185	284 344	234 318	412 331
number, 1		618 636	810 743	399 408	247 186	322 371	247 341	433 351
LIVESTOCK AND POULTRY								
Cattle end calves inventoryfarms, 1	1987 826 1982 1 128	219 305	564 710	399 491	357 436	337 428	284 325	473 573
number, 1		19 665 28 010	45 175 61 484	36 944 52 442	42 993 55 703	26 704 35 641	22 681 26 748	41 348 52 372
Cows and heifers that had calvedferms,	1987 369 1982 537	151 199	460 573	353 449	326 388	317 394	252 290	426 519
number, 1		4 446 5 819	17 049 22 226	16 774 22 512	19 687 23 541	13 515 17 251	10 244 12 136	18 629 23 222
Beef cowsfarms, 1	1987 204 1982 296	139 186	419 531	351 443	319 382	301 372	241 283	404 487
number, 1		(D) 5 112	15 224 20 250	16 599 22 182	19 473 23 251	13 051 16 567	9 661 11 613	17 418 21 075
Milk cowsfarms, 1	1987 173 1982 260	13 16	58 73	16 33	17 21	26 48	20 27	34 54
number, 1	1987 9 369 1982 11 461	(D) 707	1 825 1 976	175 330	214 290	464 684	583 523	1 211 2 147
Heifers end heifer calvesfarms, 1		172 7 401	405 10 210	329 9 071	278 9 984	271 6 287	242 5 159	374 11 814
Steers, steer calves, bulls, and bull calvesfarms, 1 number, 1		196 7 818	505 17 916	369 11 099	329 13 322	305 6 902	263 7 278	428 10 905
Cattle and calves soldferms, 1	1987 874 1982 1 183	236 308	593 733	405 505	365 447	350 438	297 335	480 589
number, 1		26 411 24 093	32 143 44 744	20 671 30 281	23 878 32 886	14 915 19 628	14 962 18 535	22 619 30 202
Calvesfarms, 1		46 813	150 3 384	134 4 346	124 4 353	172 4 326	112 2 137	169 4 069
Cattlefarms, 1	1987 803 1982 1 085	215 285	524 646	339 419	322 376	277 335	254 297	412 445
	1982 272 228	25 598 22 851	28 759 38 812	16 325 25 126	19 525 25 868	10 589 14 199 92	12 825 15 436 101	18 550 22 655 165
Fattened on grein end concentratesfarms, 1 number, 1		138 20 921	300 19 478	117 6 085	89 6 264	3 974	6 615	9 269
	1 091	247 330	441 555	202 294	164 228	176 276	153 223	243 314
number, 1	1987 440 052 1982 414 254	110 211	137 851 160 193	62 386 65 264	44 009 54 222	56 385 70 949	47 464 58 345	89 644 110 379
	1982 703	180 253	334 415	163 231	135 180	143 224	132 181	201 257
	1982 40 069	14 592 13 809 241	16 626 17 354 417	8 017 9 368 188	5 207 6 135 157	10 401 10 736 163	6 789 6 619 147	14 010 16 099 231
Otherfarms, f	1982 1 053 1987 392 830	317 95 619	533 121 225	277 54 369	213 38 802	258 45 984	207 40 675	302 75 634
· ·	1982 374 185	109 712	142 839	55 896	48 087	60 213	51 726 159	94 280 253
Hogs and pigs soldfarms, finance	1982 1 160	268 355 220 292	465 593 248 521	207 312 97 682	166 243 73 669	182 294 131 700	238 82 014	331 160 782
	1982 708 572	206 077 69	267 452 98	104 777 64	88 728 56	132 685 58	94 748 33	175 784 62
number, 1		41 306	32 646	19 910	73 17 889 18 314	87 68 666 48 068	41 14 493 17 334	97 44 869 48 918
Sheep and lambs inventoryferms,	1982 120 370 1987 119		38 509	19 118	40	84	36	34
number,	1982 103 1987 27 644		114 3 899	58 1 346	51 (D)	91 6 023	2 107	31 690
Sheep and lembs soldfarms,	1982 4 435 1987 141 1982 106	60	5 418 108 125	4 985 34 63	2 877 47 54	5 605 87 93	2 666 35 67	764 34 32
number,		2 273	4 086 5 241	3 131 4 005	(D) 1 925	4 033 4 259	1 298 2 133	(D) 682
Hens and pullets of laying age inventoryfarms,		26 27	66 103	20 27	18 28	28 57	15 33	22
number,		(D)	67 760 (D)	(D) (D)	(D) (D)	(D) 6 996	(D) 96 424	32 (D) (D) 6
Broilers and other meat-type chickens soldfarms,	1987 17 1982 15	10 7	19 18	2 3	2 3	2 -	1 -	6 2
number,	1987 6 715 1982 3 191	3 094 (D)	4 349 (D)	(D) 150	(D) (D)	(D)	(D)	(D) (D)

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For m	neaning of a	bbrevisti	ons and symbols, s	ee introductory	text]			· T		
Item			Weshington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MACHINERY AND EQUIPMENT										
Estimated market value of all machinery and equipment		1982	936 1 020 64 384	506 618 22 677	1 032 1 146 84 967	636 771 45 050	1 306 1 451 87 084	1 027 1 227 63 852	537 663 42 641	795 927 72 138
Average per farm	dollars,	1982	72 184 68 787 70 769	28 692 44 818 46 578	103 487 82 332 90 303	53 465 70 834 69 345	95 655 66 680 65 923	72 677 62 173 59 232	54 057 79 405 81 534	84 981 90 739 91 673
Motortrucks, including pickups		1982	857 950 1 460	488 591 749	950 1 046 1 743	586 671 1 094	1 147 1 280 1 570	974 1 053 1 631	529 628 952	745 853 1 152
Wheel tractors	farms,	1982 1987 1982	1 408 856 988 2 788 3 058	923 482 555 1 292 1 448	1 712 969 1 056 3 304 3 478	1 076 619 713 2 181 2 160	1 741 1 237 1 365 4 275 4 351	1 744 974 1 094 3 421 3 451	1 061 520 619 1 947 2 056	1 241 764 867 2 834 2 850
Grain and bean combines ²	number,	1982	560 617 595 639	270 298 282 300	755 677 840 716	415 432 444 444	575 614 647 626	611 543 699 607	368 422 378 440	662 647 715 661
LIVESTOCK AND POULTRY										
Cattle and calves inventory	number,	1982	416 522 28 808 42 415	394 487 41 402 56 382	186 294 11 637 21 393	136 187 8 900 12 139	1 074 1 234 100 868 121 341	479 703 71 278 103 733	185 249 13 038 16 422	123 197 8 713 16 309
Cows and heifers that had calved	farms,	1987	339 420 11 108 15 944	357 458 19 749 27 402	131 229 3 623 6 645	98 135 2 812 4 234	896 1 108 41 265 49 860	364 526 15 250 28 091	138 183 3 784 6 669	54 98 1 508 2 574
Beef cows	ferms,	1987 1982	291 372 10 114 14 849	350 441 19 077 26 432	127 217 3 430 6 203	59 90 (D)	443 546 15 057 19 731	355 505 14 930 27 054	120 148 (D) 5 107	45 90 1 235 2 247
Milk cows	number,	1987 1982	58 69 994 1 095	19 41 672 970	6 16 193 442	46 59 (D) (D)	553 725 26 208 30 129	19 43 320 1 037	27 47 (D) 1 562	9 11 273 327
Heifers and heifer calves Steers, steer calves, bulls, and bull calves	number,	1987	341 7 767 378	316 9 999 365	143 3 032 164	113 3 031 110	902 30 867 911	378 23 147 438	154 3 655 167	84 3 933 98
Cattle and calves sold			8 933 423 530	11 654 406 502	4 982 187 296	3 057 144 199	28 736 1 089 1 251	32 881 502 715	5 599 193 242	3 272 139 214
Calves	number,	1987 1982	19 764 31 382	24 479 34 067 175	8 991 20 811	6 908 10 111 53	48 920 55 062 441	75 112 94 020 100	10 199 21 313 44	13 757 20 544 33
Cattle	number, farms,	1987 1987 1982	2 032 368 453	6 744 332 394	817 170 241	873 130 179	8 799 971 1 102	3 202 464 624	580 177 216	769 127 197
Fattened on grain and concentrates		1982 1987	17 732 27 352 251 13 983	17 735 25 300 94 6 619	8 174 18 113 103 6 606	6 035 8 993 75 3 270	40 121 43 766 327 20 427	71 910 89 146 269 62 637	9 619 19 706 121 7 939	12 988 19 663 91 11 594
Hogs and pigs inventory	number,	1982	553 668 289 916 343 446	151 213 37 734 49 216	233 299 95 271 111 587	226 288 76 925 85 735	666 755 181 906 177 919	400 529 142 382 160 354	214 260 71 108 78 795	185 287 72 650 111 065
Used or to be used for breeding		1982 1987	468 570 41 835	121 160 4 938	157 219 11 110	165 203 10 007	500 605 22 534	305 415 19 862	141 204 8 327	132 211 9 879
Other	farms, number,	1982	47 074 523 649 248 081 296 372	5 914 142 202 32 796 43 302	12 614 226 287 84 161 98 973	9 895 222 269 66 918 75 840	22 709 634 713 159 372 155 210	22 858 389 511 122 520 137 496	11 115 210 242 62 781 67 680	14 287 179 268 62 771 96 778
Hogs and pigs sold	number,	1982	565 694 572 879 632 032	158 229 69 628 81 102	256 324 177 816 194 531	240 305 141 357 145 928	694 800 317 214 289 171	418 558 249 046 279 945	229 293 122 061 131 816	208 323 143 278 199 785
Feedor pigs		1987 1982	164 198 164 492 180 887	43 51 15 280 15 046	52 73 (D) 39 059	54 65 26 408 26 823	157 162 46 531 52 695	110 138 59 407 70 102	44 48 (D) 16 307	39 68 35 641 40 386
Sheep and lambs inventory	farms,	1982	104 112 7 209	39 46 2 355	45 47 1 998	44 62 1 706	84 97 5 296	50 95 3 346	47 52 1 657	61 90 2 206
Sheep and lambs sold	farms,	1982 1987 1982	7 139 109 115 8 178 6 243	4 626 40 48 1 936 3 659	2 340 44 50 1 759 2 307	3 368 46 64 1 652 2 586	3 764 80 97 5 169 3 116	6 051 51 101 3 436 8 960	2 047 46 55 1 467 2 165	2 677 56 97 1 853 2 709
Hens and pullets of laying age inventory	farms, number,	1982	62 105 (D)	16 28 (D)	25 34 (D)	10 30 (D)	65 102 (D)	28 50 (D)	12 26 (D)	18 38 (D)
Broilers and other meat-type chickens sold		1982 1987 1982	155 382 18 24 5 311 44 893	(O) - - - -	(D) (D) 1 4 (D) 515	(D) 6 1 1 138 (D)	179 877 7 15 (O)	4 645 4 9 (D) (D)	(D) 5 (D)	(D) 4 10 (D) (D)
See footpotes at end of teble					- · - ·	,	,.,			·

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Deta for 1987 include abnormal farms. For meaning of abbrevia	Tions and symbols,	see introductory tex					
Item	lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
CROPS HARVESTED							
Corn for grain or seed farms, 1987	74 285 84 558 9 973 381 12 723 331 1 258 020 972 1 453 648 471	704 833 91 146 106 078 11 316 612 10 231 666	457 531 50 167 61 302 6 024 890 5 440 934	764 868 60 146 81 406 7 769 013 8 725 572	373 392 24 866 29 595 2 703 259 2 520 173	617 708 88 129 112 060 11 331 229 11 587 341	1 087 1 227 142 507 186 885 19 224 954 21 947 417
Corn for silege or green chop farms, 1987	7 742 17 091 202 856 532 002 3 217 196 8 234 884	31 109 1 161 (D) 17 550 (D)	26 79 1 006 3 832 13 709 51 547	265 466 4 493 10 186 68 795 154 259	36 54 798 (D) 13 404 (D)	42 145 1 060 (D) 16 645 (D)	84 200 3 087 (D) 57 934 (D)
Wheet for grain	1 212 2 481 28 672 93 911 1 113 489 2 723 236	7 31 (D) 1 161 46 740 36 306	15 60 (D) (D) (D) (D)	2 5 (D) 92 (D) 2 964	7 37 (D) 718 (D) 19 612	5 12 (D) (D) (D) (D)	14 12 247 550 10 954 10 530
Oats for grain farms, 1987	23 732 33 671 525 517 785 508 30 087 002 44 719 720	289 459 6 608 11 165 296 971 502 095	170 243 4 310 6 502 190 203 240 588	549 627 13 807 14 453 795 893 794 010	81 110 1 302 1 809 59 321 58 326	227 367 5 176 9 256 324 836 515 025	432 592 8 861 12 769 537 894 718 126
Soybaans for beans ferms, 1987	62 537 67 917 7 792 894 7 933 927 322 478 170 288 045 105	618 685 65 837 59 968 2 797 627 1 941 651	417 474 41 559 45 986 1 582 648 1 340 621	114 87 3 642 3 707 152 846 121 463	321 350 24 561 25 112 874 845 629 107	562 567 64 193 60 180 2 723 039 2 196 510	1 004 1 091 125 628 124 611 5 675 477 4 909 467
Hay-alfalfa, other tame, small grain, wild, grass silaga, green chop, etc. (see text) farms, 1987 1982 acres, 1987 1982 tons, dry, 1987 1982 1982 1982	40 181 48 434 1 829 492 1 899 026 5 328 103 5 902 759	537 709 29 854 36 001 87 945 116 576	360 446 18 599 20 702 47 800 59 291	751 849 59 224 61 913 196 150 197 336	416 422 35 305 30 755 76 919 74 848	365 484 13 899 19 442 39 042 59 067	611 677 21 583 21 443 66 148 73 026
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
CROPS HARVESTED							
Com for grain or seed	866 941 118 482 143 755 16 405 109 17 506 887	745 867 111 185 139 731 15 365 139 17 192 092	765 920 91 071 114 091 12 176 399 13 415 661		899 1 012 124 023 161 788 15 741 017 18 941 128	947 1 093 120 532 152 996 15 700 953 17 822 738	819 959 110 311 147 302 15 198 947 17 923 221
Corn for silege or green chop farms, 1987 1982 acres, 1987 1982 tons, green, 1987 1982	74 171 1 363 4 224 24 229 77 823	28 82 (D) 2 909 (D) 48 755	150 278 (D) 4 907 (D) 80 299	(D) 4 834 (D)	55 156 1 504 (D) 25 466 (D)	84 198 1 805 4 555 26 524 65 785	37 99 1 636 (D) 23 639 (D)
Wheat for grain	4 7 (D) 532 (D) 17 513	11 11 167 (D) 7 423 (D)	3 4 (D) 122 981 3 115	5 (D) (D) (D)	3 3 (D) 314 10 260 5 620	7 8 220 (D) 7 952 (D)	2 1 (D) (D) (D) (D)
Oats for grain farms, 1987 1982 acres, 1987 1982 bushals, 1987 1982		133 250 2 907 5 200 180 941 326 067	309 420 5 826 8 031 344 235 386 174	9 486 462 792	166 304 3 144 5 932 187 771 429 339	343 519 6 675 10 842 383 359 589 875	133 278 2 702 6 354 157 331 465 923
Soybaans for baans farms, 1987	779 803 86 757 87 126 3 951 967 3 286 748	721 809 121 122 115 950 5 350 406 4 564 503	624 733 51 417 53 424 2 241 903 1 870 563	70 993 69 840 3 205 898	871 945 128 906 127 630 5 293 124 4 731 654	879 940 85 530 86 187 3 667 621 3 037 646	807 931 143 309 141 709 6 382 653 5 408 408
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987 acres, 1987 1982 tons, dry, 1987 1982 1982 1982 1982	10 957	246 354 7 791 8 116 20 636 25 368	453 556 18 048 18 759 60 198 62 702	574 16 223 15 691 47 322	232 328 6 142 6 950 18 617 23 724	478 624 15 044 17 016 46 242 54 909	224 310 5 501 7 067 14 107 21 747

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnormal farms. For meaning of abbrevia	itions and symbols,	See introductory tex					
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
CROPS HARVESTED							
Corn for grain or sead	1 047 1 130 131 091 152 063 17 175 461 16 641 531	703 709 105 116 127 676 13 327 248 12 981 118	883 1 037 137 263 190 899 16 264 540 25 052 411	692 793 122 371 157 229 15 774 445 18 988 805	864 967 110 304 136 670 13 783 510 16 114 534	755 838 97 603 128 060 12 573 477 13 271 447	378 433 35 418 45 823 3 326 698 3 383 130
Corn for silage or green chop farms, 1987 1982 acres, 1987 1982 tons, green, 1987 1982	80 275 3 467 18 146 50 939 292 054	46 146 1 264 5 466 20 277 81 452	85 146 (D) (D) (D) (D)	39 101 (D) 2 917 (D) 49 626	114 301 2 836 11 213 41 821 172 382	168 279 (D) 8 571 (D) 114 864	30 55 (D 2 062 (D) 18 250
Wheat for grain farms, 1987 1982 acres, 1987 1982 bushals, 1987 1982	3 7 447 161 24 364 4 183	20 52 (D) 2 380 (D) 82 352	9 15 297 296 8 695 12 987	2 4 (D) 87 (D) 1 660	23 (D) (D) (D)	7 6 215 82 8 450 2 558	7 14 162 (D 3 355 (D
Oats for grain	367 509 8 159 11 764 489 453 788 956	173 322 3 424 7 365 145 028 325 315	314 402 5 633 7 965 358 319 484 828	157 247 3 470 5 472 195 643 332 303	212 371 4 033 7 794 260 429 613 196	351 410 7 076 8 592 429 869 390 697	128 165 3 212 4 070 97 860 119 705
Soybeans for beans farms, 1987 1982 acres, 1987 1982 bushals, 1987 1982	998 1 026 114 889 104 737 4 911 395 3 896 624	662 717 82 907 78 709 3 342 960 2 641 173	741 707 70 780 64 771 3 153 996 2 751 708	636 723 98 320 107 849 4 054 326 3 825 826	811 889 99 886 93 755 4 261 589 3 629 465	621 679 57 752 66 361 2 418 897 2 046 841	300 358 23 650 29 569 785 860 823 048
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987 acres, 1987 1982 tons, dry, 1987 1982 1982 1982	473 556 14 611 15 528 42 735 53 871	448 559 20 504 23 236 58 637 70 565	473 515 15 910 14 247 46 047 46 581	203 245 6 625 5 431 20 309 16 462	392 485 13 550 12 681 39 381 43 354	471 531 19 905 19 110 62 927 58 513	352 406 26 262 26 086 66 253 77 882
Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatu
CROPS HARVESTED							
Corn for grain or seed farms, 1987 1982 acres, 1987 1982 bushels, 1987 1962	696 851 102 661 145 705 13 379 212 16 045 924	1 231 1 315 127 431 156 567 16 959 576 18 256 472	1 045 1 214 162 747 223 349 17 449 834 27 728 538	958 1 175 130 314 161 120 15 683 049 16 666 763	656 783 106 803 143 790 14 595 920 17 425 172	433 512 37 420 53 423 3 341 728 5 033 357	337 397 32 453 46 027 3 363 639 3 862 755
Corn for silage or green chop farms, 1987 1982 acres, 1987 1982 tons, green, 1987 1982	49 155 2 576 (D) 46 944 (D)	227 499 3 239 9 614 54 009 143 969	147 282 (D) 8 482 (D) 148 244	55 196 1 970 (D) 35 786 (D)	32 89 (D) (D) (D)	78 88 1 302 (D) 17 732 (D)	36 61 (D) (D) (D)
Wheat for grain	(D)	9 2 (D) (D) (D) (D)	29 13 (D) (D) (D)	6 26 (D) (D) (D) (D)	5 9 241 (D) 15 617 (D)	29 73 (D) 2 026 (D) 51 085	14 40 (D) 1 957 (D) 55 708
Oets for grain farms, 1987 1982 acres, 1987 1982 bushels, 1987 1982	104 243 2 489 5 707 141 663 386 157	867 922 21 636 22 450 1 418 729 1 163 033	415 485 7 552 9 801 449 806 568 849	434 693 11 192 21 311 510 789 1 407 532	106 170 2 232 3 015 127 038 190 947	142 186 2 320 3 381 88 898 102 157	50 80 1 083 1 615 33 072 (D)
Soybeans for beans farms, 1987 1982 acres, 1987 1982 bushels, 1987 1982	677 807 113 588 122 109 4 656 076 4 257 235	155 93 10 583 4 515 460 345 151 995	743 711 62 755 60 600 2 820 636 2 530 059	884 1 024 96 933 93 846 3 689 311 3 537 984	620 736 102 057 108 877 4 494 218 4 304 840	325 396 29 881 37 378 965 483 1 030 095	303 355 30 286 37 800 1 082 801 1 087 701
Hay-alfalfa, other teme, small grain, wild, grass silege, green chop, etc. (see text) farms, 1987 acres, 1987 1982 tons, dry, 1987 1982 1982 1982	214 337 7 838 9 715 23 895 30 216	74 177	565 615 20 729 19 404 63 918 65 410	606 782 22 825 26 677 69 881 89 353	260 353 8 033 9 716 21 882 33 043	430 498 27 759 30 103 57 322 75 959	337 416 29 094 34 765 62 749 89 301

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

[Data for 1987 include abnorme] ferms. For meaning of ebbrevist	ions end symbols,	see introductory	textj					
ltem	Delawara	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
CROPS HARVESTED								-
Corn for grain or seed	1 174	476	446	1 231	491	1 171	722	820
	1 230	548	521	1 316	593	1 247	792	970
	150 937	68 753	66 636	100 635	75 633	150 576	106 576	129 161
	182 892	94 491	90 899	120 876	106 475	186 647	130 034	171 179
	20 285 632	7 551 585	8 633 099	12 775 158	10 460 288	20 558 970	13 760 270	17 673 374
	22 826 953	11 973 078	10 199 958	14 615 577	12 870 935	20 615 055	14 911 196	20 735 195
Corn for silage or green chopferms, 1987 1982 acres, 1987 1982 tons, graen, 1987 1982	283 520 5 027 10 633 80 070 173 323	59 77 (D) 2 258 (D) 41 440	53 127 (D) 6 422 (D) 98 244	361 591 6 762 12 379 97 933 194 269	20 87 929 3 188 15 335 50 081	252 476 4 835 12 515 81 543 193 362	75 157 (D) (D) (D)	42 142 1 181 (D) 23 335 (D)
Wheat for grainfarms, 1987_ 1982_ acras, 1987_ 1882_ bushals, 1987_ 1982_	20 5 (D) 158 (D) 6 644	37 77 663 2 980 34 847 95 898	5 1 166 (D) 6 521 (D)	10 11 (D) 230 (D) 8 391	(D)	12 16 213 326 7 220 9 976	5 6 34 (D) 1 120 (D)	3 (D) (D) 11 910 (D)
Oats for grainfarms, 1987	748	58	88	913	53	626	201	168
1982	794	93	158	1 008	88	758	292	301
acras, 1987	17 163	926	2 125	21 833	(D)	14 570	4 463	2 669
1982	18 897	(D)	3 620	24 238	1 585	17 529	6 984	5 468
bushels, 1987	1 071 195	44 286	125 577	1 417 010	(D)	948 744	274 002	159 026
1982	946 581	59 050	266 637	1 127 241	117 186	913 959	350 625	317 917
Soybeans for beansfarms, 1987	462	442	433	96	476	735	676	770
1982	324	475	489	49	563	714	742	893
acres, 1987	26 045	49 659	73 610	4 045	84 296	67 177	91 965	111 080
1982	22 899	49 025	78 945	2 576	92 490	68 605	98 507	116 709
bushals, 1987	1 204 485	1 889 828	2 888 280	186 523	3 630 542	3 003 952	3 758 896	4 787 529
1982	853 648	1 947 841	2 704 992	95 904	3 383 187	2 347 324	3 277 775	4 350 171
Hay-alfalfa, othar tama, small grain, wild, gress silaga, graan chop, atc. (saa taxt)farms, 1987 acras, 1987 1982 tons, dry, 1987 1982	877	238	165	1 130	134	797	294	250
	939	253	201	1 197	179	901	352	331
	47 289	9 284	6 941	76 084	3 949	43 030	9 642	6 658
	42 605	8 243	6 849	65 194	4 131	42 757	9 682	7 842
	158 848	23 511	22 658	256 499	12 063	150 353	25 997	20 157
	142 375	25 185	22 429	220 006	12 971	146 225	30 578	26 641
ltem	Fremont	Greana	Grundy	Guthria	Hamilton	Hancock	Hardin	Harrison
CROPS HARVESTED								
Corn for grein or seed	517	732	837	653	816	875	828	753
	569	835	912	756	949	1 020	922	867
	86 187	111 458	127 823	81 041	124 623	126 733	128 134	122 931
	97 062	147 534	159 632	105 987	164 763	166 410	165 550	146 261
	9 728 756	15 908 809	17 944 224	10 161 114	17 441 249	16 898 927	17 847 845	16 093 286
	8 676 430	17 558 124	19 587 298	11 208 490	20 522 687	20 125 730	20 989 204	15 145 504
Corn for silage or green chopfarms, 1987	15	17	37	28	12	65	46	48
1982	38	86	89	107	42	171	122	134
acras, 1987	413	1 109	1 364	934	946	(D)	1 016	1 168
1982	(D)	(D)	3 284	2 978	(D)	4 876	5 131	4 031
tons, graen, 1987	6 350	19 867	28 161	17 204	17 090	(D)	16 456	18 150
1982	(D)	(D)	63 690	49 396	(D)	89 000	84 231	58 638
Wheat for grainferms, 1987_ 1982_ acras, 1987_ 1982_ bushals, 1987_ 1982_	16 58 427 3 868 18 767 65 144	3 5 (D) 612 (D) 20 950	5 1 68 (D) 3 485 (D)	6 11 124 409 3 290 14 590	3 (D) (D) 8 620 (D)	1 3 (D) 50 (D) 2 023	(D)	28 143 997 6 126 34 619 204 855
Oats for grain	17	115	162	214	87	189	133	140
	59	181	270	351	176	333	252	255
	387	2 235	2 610	5 018	1 438	3 340	2 603	3 269
	1 493	3 895	6 027	8 518	2 787	6 011	5 293	7 461
	19 981	138 719	157 459	242 664	95 243	221 262	160 344	168 643
	71 859	262 045	350 437	445 465	153 871	360 476	324 596	488 832
Soybeans for beansfarms, 1987	519	725	794	595	791	823	781	722
1982	578	816	834	649	910	948	830	836
acres, 1987	105 751	137 885	103 323	71 452	132 419	119 737	104 590	112 374
1982	108 653	135 010	102 035	66 969	139 861	124 880	110 604	118 034
bushels, 1987	3 949 534	6 114 982	5 016 063	2 916 948	5 542 167	4 903 942	4 747 128	4 408 006
1982	3 510 754	5 295 966	4 186 283	2 451 136	5 146 799	4 583 925	4 198 888	4 237 794
Hay-alfalfs, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 acres, 1987 acres, 1987 tons, dry, 1987 1982 tons, dry, 1987 1982	220	220	324	387	147	238	291	344
	288	328	347	528	229	353	334	506
	6 787	6 179	10 472	17 045	2 980	7 701	7 762	9 798
	7 422	6 832	8 963	24 239	3 629	8 229	8 223	13 277
	19 354	18 123	38 746	44 423	7 222	23 222	22 974	32 060
	20 462	22 832	32 578	75 335	10 080	27 690	26 218	40 828

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

Data for 1967 include abnormal farms. For meaning of abbrevial	ions and symbols,	see introductory	lext			-		
Item	Henry	Howard	Humboldt	lda	lowa	Jackson	Jasper	Jefferson
CROPS HARVESTED								
Corn for grain or seed	538	716	649	615	780	883	982	459
	658	811	726	704	875	1 026	1 138	572
	73 702	85 505	95 869	91 349	116 503	83 256	138 800	61 201
	102 573	107 479	123 757	110 869	152 061	114 748	175 598	79 432
	7 590 621	10 574 055	13 418 861	10 964 881	14 108 119	9 306 110	18 593 569	6 196 767
	12 385 894	10 729 597	15 766 668	12 649 208	17 525 603	13 542 208	20 885 196	8 878 491
Corn for silage or green chop	39	157	40	37	76	190	55	53
	70	299	68	164	148	291	180	79
	(D)	3 188	2 202	(D)	2 018	4 274	(D)	1 316
	(D)	6 944	(D)	(D)	(D)	6 225	5 580	1 806
	(D)	48 417	43 395	(D)	30 584	63 923	(D)	14 245
	(D)	99 546	(D)	(D)	(D)	103 047	91 380	29 016
Wheat for grain	18 46 263 1 028 11 992 33 129	6 122 (D) 3 112 (D)	(D) (D) (D) (D)	8 3 79 22 3 240 680	12 16 111 413 6 413 15 035	40 17 542 427 23 455 19 155	4 9 (D) 189 (D) 7 308	27 63 1 057 1 772 26 532 49 000
Oats for grain	107	363	101	192	372	587	371	144
	156	463	136	319	438	661	550	210
	1 759	9 089	1 960	4 516	8 800	13 816	8 452	3 193
	2 620	11 628	2 731	9 315	10 406	15 213	12 685	4 327
	82 850	498 289	116 685	220 054	449 578	821 637	469 803	137 556
	114 877	565 171	191 145	681 248	492 511	712 725	717 916	180 088
Soybeans for beansfarms, 1987	486	574	631	579	629	232	894	420
1982	534	628	706	652	587	153	982	503
acres, 1987	47 286	62 417	110 513	69 227	48 040	9 193	100 925	53 284
1982	50 085	67 555	109 698	63 003	42 128	8 763	99 129	53 746
bushels, 1987	1 782 554	2 461 787	4 921 705	2 625 860	2 094 296	373 967	4 495 571	1 973 991
1982	1 951 199	1 979 976	4 264 921	2 424 457	1 516 977	325 762	3 799 402	1 803 938
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 acres, 1987 1982 tons, dry, 1987 1982 1982	257	434	152	319	555	824	643	324
	307	541	191	406	641	896	815	395
	9 783	18 918	3 790	11 093	27 904	52 789	25 932	15 081
	9 583	22 750	3 754	12 572	28 518	48 454	30 578	15 758
	19 939	58 463	10 679	36 707	81 302	161 315	75 592	29 736
	25 508	74 129	13 332	44 481	87 692	157 233	99 513	42 115
Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
CROPS HARVESTED								
Corn for grain or seed	871	835	713	1 485	531	995	448	306
	1 029	976	869	1 648	651	1 139	522	368
	105 950	113 133	106 867	211 215	64 121	120 386	70 248	27 325
	143 018	151 346	136 425	272 356	82 802	153 666	93 034	36 194
	11 533 176	13 525 519	13 376 853	30 144 044	5 859 088	14 812 265	7 017 802	2 783 038
	17 363 741	19 210 005	16 068 651	34 786 312	9 645 385	18 914 193	11 771 946	2 804 201
Corn for silage or green chop	150	155	40	98	106	115	33	26
	177	281	68	218	114	215	50	55
	(D)	(D)	927	2 766	2 341	2 710	656	(D)
	4 049	6 937	(D)	6 341	2 522	5 326	1 253	1 738
	(D)	(D)	16 565	58 691	31 183	47 247	7 329	(D)
	66 677	117 083	(D)	110 204	45 901	87 557	24 145	19 713
Wheat for grain	16	12	27	4	97	26	23	2
	24	11	47	6	209	14	28	7
	(D)	(D)	(D)	54	1 525	(D)	(D)	(D)
	(D)	(D)	(D)	193	5 090	609	1 107	579
	(D)	(D)	(D)	2 260	60 448	(D)	(D)	(D)
	(D)	(D)	(D)	3 490	131 962	21 211	35 271	17 320
Oats for grain	423	394	206	258	91	408	78	73
	488	495	274	416	118	499	109	116
	10 326	9 149	4 132	4 738	1 490	8 649	1 078	1 675
	10 896	11 254	5 923	6 818	1 725	10 724	2 138	2 673
	541 998	533 715	194 527	291 826	56 333	478 956	52 560	65 075
	534 145	537 909	272 245	475 143	69 923	477 917	99 027	91 415
Soybeans for beans	645	504	633	1 441	488	815	399	228
	636	483	656	1 572	598	895	429	293
	53 286	39 878	63 035	231 847	56 627	79 458	49 342	18 633
	52 018	37 056	61 406	241 875	57 956	90 586	50 828	22 488
	2 085 104	1 748 669	2 636 739	9 975 988	1 745 229	3 387 490	1 742 074	679 156
	1 966 879	1 509 467	2 331 469	9 077 851	2 185 295	3 473 178	1 960 817	619 620
Hay – alfalfa, other tame, small grain, wild, grass silage, green chop, etc (see text)farms, 1987 acres, 1987 1982 tons, dry, 1987 1982 1982	582	568	421	388	378	609	207	288
	673	638	555	500	412	624	217	376
	25 364	28 683	20 827	10 087	16 082	23 253	6 688	23 189
	23 963	26 295	21 618	10 563	14 479	19 340	5 785	24 309
	74 176	88 097	52 124	31 379	35 339	66 141	15 983	58 969
	73 572	83 115	62 941	34 699	41 237	59 691	15 625	60 535

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbrevi	ations and symbols,	see introductory	text }					
ltem	Lyon	Madison	Mahaska	Marion	Marshəli	Mills	Mitchell	Monona
CROPS HARVESTED								
Com for grain or seedfarms, 1987 1982 acres, 1987 1982 bushels, 1987 1982	1 130 116 508 147 820 13 540 612	537 637 55 683 68 696 6 709 409 6 528 360	842 936 105 726 126 236 14 139 999 13 966 866	627 725 67 791 79 158 8 481 789 7 951 067	743 864 119 698 153 571 16 680 232 18 840 444	449 473 79 119 93 698 9 683 161 9 052 987	683 777 94 460 116 631 11 618 129 13 561 392	651 713 125 758 153 807 14 908 383 16 616 207
Corn for silage or green chopfarms, 1987	475 (D) (D) (D)	31 91 (D) 3 565 (D) 41 424	84 167 2 178 (D) 29 372 (D)	37 103 1 039 2 658 15 062 40 679	38 109 1 467 (D) 26 764 (D)	8 51 (D) 2 857 (D) 39 088	163 275 4 755 8 077 64 799 128 272	59 138 (D) (D) (D) (D)
Wheat for grain	13 53 383 2 250	4 32 120 1 246 5 045 29 634	5 9 (D) 105 (D) 2 802	13 32 223 886 6 955 27 234	8 (D) 76 (D) 4 290	26 64 639 2 913 21 344 82 113	21 14 (D) (D) (D) (D)	29 62 1 054 5 165 36 902 146 573
Oats for grein	. 7 907 17 325 558 851	114 205 2 741 4 244 143 926 188 001	307 459 5 962 8 883 330 196 445 039	211 292 4 574 6 539 233 411 303 825	184 285 3 433 6 502 175 332 360 388	51 92 (D) 2 029 (D) 94 455	300 413 7 492 10 434 461 521 548 211	117 204 4 400 6 984 208 841 472 002
Soybeans for beansfarms, 1987	1 005 104 895 100 055 4 242 479	480 575 49 402 53 505 2 038 034 1 717 114	776 828 77 990 76 238 3 245 433 2 909 293	568 616 56 577 52 658 2 363 921 1 810 462	681 754 80 342 87 347 3 871 253 3 397 916	427 458 79 533 84 273 2 948 398 2 856 093	611 681 71 905 77 856 2 993 218 2 627 747	570 606 96 849 98 876 3 558 879 3 584 486
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987_ 1982_ acres, 1987_ 1982_ tons, dry, 1987_ 1982_	651 17 306 15 898 56 335	452 544 22 587 24 838 63 876 74 853	508 622 17 579 21 209 52 491 73 975	429 570 19 300 25 087 51 490 80 425	384 464 12 320 12 845 35 994 43 995	170 248 5 832 6 632 15 868 20 559	329 393 13 330 11 856 33 856 35 639	245 305 8 314 8 726 24 552 27 528
Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Paio Alto	Plymouth
CROPS HARVESTED								
Com for grain or saedfarms, 1987_ 1982_ acres, 1987_ 1982_ bushels, 1987_ 1982_	391 24 861 30 797 2 555 285	509 547 72 394 83 612 8 609 866 7 790 913	554 685 79 002 102 631 7 763 935 12 727 086	1 005 1 099 123 893 154 026 16 113 174 17 071 485	602 696 77 730 102 296 10 324 756 11 722 816	708 748 82 372 93 383 9 115 659 8 139 928	792 882 117 339 154 006 15 488 764 18 704 137	1 346 1 498 185 513 224 544 20 744 832 23 527 120
Com for silage or green chopfarms, 1987. 1982. acres, 1987. 1982. tons, green, 1987. 1982.	- 95 - (D) - 2 883 - (D)	676 (D) 14 247	64 113 1 830 (D) 25 509 (D)	66 255 (D) (D) (D) (D)	49 148 1 573 5 017 24 093 85 136	36 99 1 086 (D) 16 124 (D)	37 120 (D) (D) (D) (D)	116 394 (D) 12 768 (D) 170 588
Wheat for grainfarms, 1987_ 1982_ acres, 1987_ 1982_ bushels, 1987_ 1982_	_ 10 _ 104 _ 182 _ 4 095	482	25 23 700 973 26 581 37 658	3 4 34 160 1 560 6 080	5 8 158 (D) 4 079 (D)	61 147 1 498 5 484 51 349 132 542	1 3 (D) 65 (D) 2 644	16 16 291 732 12 745 26 028
Oats for grainfarms, 1987, 1982 acres, 1982 acres, 1982 bushels, 1987 1982	- 89 - 1 323 - 1 926 - 57 633	161 (D) 3 564 (D)	176 238 4 078 4 898 214 936 288 514	275 369 4 397 7 246 335 095 562 090	154 288 2 695 6 391 195 225 513 159	131 205 2 487 4 717 106 102 189 155	152 227 3 088 4 799 194 563 332 035	534 881 15 628 29 160 1 038 204 2 192 386
Soybeans for beansfarms, 1987. 1982. acres, 1982. 1982. bushels, 1987. 1982.	- 310 - 18 059 - 21 051 - 669 818	524 71 788 73 728 2 620 229	495 539 52 726 51 598 1 941 887 1 955 485	969 1 054 131 829 132 585 5 583 524 4 555 098	601 686 91 141 92 840 3 779 285 3 376 584	688 735 92 104 90 307 3 272 356 2 722 764	766 846 125 528 132 304 5 241 528 4 936 511	1 216 1 254 136 138 121 406 5 543 952 4 649 292
Hay – alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1982. acres, 1987. 1982. tons, dry, 1987.	_ 382 _ 24 633 _ 25 352 _ 63 788	375 12 187 13 706 34 156	352 10 889 10 970	322 400 8 249 8 019 25 655 27 185	239 304 5 671 6 524 15 722 21 032	460 573 17 432 20 632 46 417 56 405	203 267 5 036 5 859 15 593 20 576	642 789 20 630 20 200 68 798 69 286

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

Data for 1997 include abnormal farms. For meaning of abbrevia	lions and symbols,	see introductory	text]				,	
Item	Pocahontas	Polk	Pottawattamia	Poweshiek	Ringgold	Sac	Scott	Shalby
CROPS HARVESTED								
Corn for grain or seed	849	503	1 143	747	419	860	675	938
	974	606	1 264	859	479	944	788	1 071
	117 170	77 928	187 927	98 720	39 626	118 743	109 361	131 399
	157 159	98 639	228 318	128 824	50 585	148 847	146 768	161 949
	15 619 811	10 997 085	24 886 571	12 438 415	4 143 413	14 943 715	13 224 275	16 072 018
	19 637 664	11 738 297	25 061 295	14 948 700	3 883 053	16 451 145	19 164 492	17 944 456
Corn for silage or graan chop	36 102 1 831 3 317 47 768 55 182	16 45 (D) (D) (D) (D)	78 267 2 802 10 219 47 155 160 385	59 111 1 368 (D) 22 642 (D)	46 87 990 3 135 13 037 39 443	51 194 2 889 10 899 38 582 184 142	67 129 1 953 3 985 31 076 70 298	49 195 (D) (D) (D)
Wheat for grain	2 (D) (D)	4 17 107 616 3 940 17 929	38 105 1 285 3 650 51 264 136 453	6 5 164 81 8 820 4 180	10 45 437 1 884 12 789 35 710	3 13 64 (D) 3 150 (D)	6 8 109 110 5 604 3 780	4 17 58 768 2 710 29 845
Oats for grain	119	83	290	351	90	234	242	369
	215	126	427	495	113	388	318	574
	(D)	1 544	7 129	9 319	2 451	5 954	4 257	8 482
	4 164	2 566	11 350	13 446	3 559	9 418	5 792	14 772
	(D)	84 475	447 746	457 014	88 805	361 606	283 411	470 672
	295 949	135 357	688 091	727 248	105 454	683 364	375 979	968 975
Soybaans for beansfarms, 1987	829	475	1 040	693	374	836	555	843
1982	958	585	1 139	767	479	880	505	908
acras, 1987	140 907	77 299	157 454	75 752	41 296	117 296	38 038	89 103
1982	148 816	79 606	155 658	76 265	52 642	116 562	34 667	81 384
bushals, 1987	5 225 885	3 425 469	6 188 843	3 291 126	1 420 031	4 853 933	1 734 884	3 606 182
1982	5 661 208	3 042 560	5 766 434	2 867 377	1 376 010	4 332 277	1 490 895	3 107 294
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 acres, 1987 1982 tons, dry, 1987 1982 1982 1982	185	187	603	547	371	335	359	473
	288	272	720	681	484	457	367	609
	4 482	6 381	21 681	27 314	32 681	13 257	10 821	14 344
	4 759	7 449	21 779	32 187	42 699	14 202	9 877	16 483
	13 563	19 997	63 684	86 311	78 928	42 826	32 337	41 315
	15 336	23 636	73 999	107 375	113 303	49 506	36 253	54 881
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapallo	Warran
CROPS HARVESTED								
Corn for grain or seed	1 460	794	1 021	491	387	422	393	588
	1 626	898	1 132	580	434	514	482	656
	191 988	115 189	144 198	53 482	39 359	39 298	47 640	66 000
	225 374	149 710	171 672	62 851	48 192	55 938	58 297	81 012
	21 794 832	16 283 669	19 074 343	5 744 004	4 430 330	3 930 667	5 118 701	8 024 794
	23 813 841	18 916 885	20 230 354	4 888 242	4 108 447	5 695 221	6 472 512	7 788 706
Corn for silage or grean chopfarms, 1987	275	35	58	15	22	73	32	48
1982	709	87	151	60	72	101	47	93
acres, 1987	10 656	1 235	1 335	(D)	603	1 511	(D)	(D)
1982	29 143	2 824	3 898	1 902	2 454	2 192	1 205	5 456
tons, green, 1987	144 579	22 164	26 119	(D)	6 844	18 689	(D)	(D)
1982	426 038	52 624	61 432	24 179	30 471	26 691	19 729	57 871
Wheat for grain	7 10 231 472 9 820 17 517	7 7 128 (D) 5 419 (D)	9 9 (D) (D) (D)	23 94 554 4 105 23 522 84 807	9 36 (D) 1 790 (D) 56 816	35 112 465 3 234 15 973 82 745	4 23 (D) 1 093 (D) 35 900	9 32 207 1 161 8 579 32 220
Oats for grain	465	83	324	109	128	106	79	144
	821	159	511	165	203	150	104	207
	10 786	1 427	6 237	2 621	3 136	1 923	1 495	2 698
	23 830	2 526	10 495	4 121	5 752	2 552	1 863	4 039
	734 881	81 623	305 166	101 924	130 016	68 859	62 868	117 440
	1 806 881	146 470	551 490	140 346	218 316	80 155	77 523	168 538
Soybeans for beansfarms, 1987	1 266	766	915	477	351	390	374	500
	1 250	859	1 009	562	386	438	427	580
	117 378	116 260	99 796	57 970	31 437	38 388	44 999	50 915
	108 800	123 492	99 487	61 821	31 716	42 610	45 267	54 694
	5 103 495	5 261 884	4 591 703	1 926 919	1 189 794	1 325 279	1 746 097	2 018 965
	4 164 449	4 745 373	3 713 215	1 651 601	893 010	1 360 706	1 518 550	1 691 487
Hay—aifalfa, other tame, small grain, wild,	648	234	576	370	346	374	280	460
grass silage, graen chop, atc. (see taxt)farms, 1987	790	287	670	467	394	425	329	542
1982	22 930	6 399	22 282	22 375	23 339	19 929	14 961	24 863
tons, dry, 1987	21 495	5 767	22 106	26 290	27 534	19 754	15 753	24 760
1982	76 185	16 899	69 960	51 614	61 824	41 640	37 933	69 798
1982	71 920	19 096	68 254	69 570	80 665	47 407	44 158	71 891

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982-Con.

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
CROPS HARVESTED								
Corn for grain or seedfarms, 1987	924 114 226	424 500 41 759 58 720 4 453 222 4 460 861	957 1 061 136 405 181 262 19 146 370 22 913 645	593 666 86 355 111 484 11 704 010 13 108 167	1 158 1 309 101 381 130 311 13 091 817 13 300 630	908 1 079 160 170 212 964 18 744 274 22 416 992	494 611 78 251 103 566 9 917 824 12 468 486	760 873 118 670 163 254 16 401 045 20 350 828
Corn for silage or green chopfarms, 1987_ 1982_ acres, 1987_ 1982_ tons, green, 1987_ 1982_	118 (D) (D) (D)	20 71 (D) (D) (D) (D)	29 62 (D) 2 064 (D) 31 151	44 75 (D) (D) (D)	413 743 8 397 18 085 139 016 274 281	68 254 (D) 9 117 (D) 132 236	62 96 1 351 2 181 22 770 35 016	18 51 761 2 221 16 792 41 125
Wheat for grain	. 49	19 40 343 (D) 11 688 (D)	3 2 (D) (D) 2 650 (D)	00000000000000000000000000000000000000	5 10 (D) 259 (D) 7 760	15 14 (D) 1 002 (D) 32 224	3 73 2 920	2 (D) (D) (D) (D)
Oats for grainfarms, 1987_ 1982_ acres, 1987_ 1982_ bushels, 1987_ 1982_	. 339	74 129 1 543 3 289 55 307 89 106	89 159 1 786 3 375 104 311 211 584	152 233 2 706 4 255 180 337 259 779	799 998 19 877 25 380 1 187 551 1 313 472	264 470 8 758 18 468 482 611 1 347 573	137 248 2 648 4 897 153 826 288 817	83 127 1 495 (D) 92 089 (D)
Soybeans for beansfarms, 1987_ 1982_ acres, 1987_ 1982_ bushels, 1987_ 1982_	. 709	373 450 37 489 46 145 1 354 512 1 166 379	957 1 036 168 982 170 824 7 217 033 6 700 236	554 629 81 760 88 127 3 054 060 3 017 787	378 353 17 989 16 602 752 602 520 269	708 759 85 671 97 090 3 322 203 3 570 700	472 564 71 797 82 046 2 892 848 2 827 363	742 844 136 418 148 340 5 605 248 5 665 084
Hay-alfalfe, other tame, small grain, wild, grass silage, green chop, etc. (see text)farms, 1987 acres, 1987 acres, 1987 tons, dry, 1987 1982 tons, dry, 1987 1982 1982	. 520	378 477 31 837 38 090 72 030 89 511	196 259 3 950 4 983 10 552 16 259	190 213 5 607 4 547 18 811 13 889	1 073 1 227 73 319 73 564 242 588 238 061	414 541 16 575 17 823 45 772 56 395	209 262 6 030 6 389 16 217 23 266	140 206 2 997 3 720 8 569 13 784

¹Data are based on a sample of farms. ²Data for 1982 include self-propelled only.

Table 17. Milk Goats-Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, sea introductory text]

			Sales							
Geographic area	Inver	nory	Milk goats C		Milk goats		Milk goats Goat milk			
	Farms	Number	Farms	Numbar	Farms	Gallons	Farms	Total sales (\$1,000)		
STATE TOTAL										
lowa1987 1982	425 909	3 195 4 708	105 303	909 1 964	52 20	123 669 34 650	138 (NA)	268 139		

Table 18. Angora Goats—Inventory and Sales: 1987 and 1982

[Not published for this State]

Table 19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory taxt)

	Invar	ntory	Sales		
Gaographic area	Farms	Number	Farms	Number	Sales (\$1,000)
STATE TOTAL					
lowa1987 1982	58 53	63 906 55 977	56 50	132 995 133 183	

Table 20. Colonies of Bees and Honey-Inventory and Sales: 1987 and 1982

(For meaning of abbreviations and	symbols, see introdu	ctory text]						
	laaataa.				Sales			
Geographic area	Inventory		Colonies of b	ees	Honey			
	Farms	Number	Farms	Number	Farms	Pounds	Ferms	Total sales (\$1,000)
STATE TOTAL								
lows1987 1982	703 797	53 289 45 410	38 28	1 121 2 897	350 221	4 288 806 2 733 695	364 (NA)	3 056 1 997
COUNTIES, 1987								
Adair Adams Allamakee Appanoose Audubon Benton Black Hawk Boone Bremer Buchanan	8 5 12 11 6 9 12 7 7	73 161 (D) 363 2 013 (D) 461 56 (D)	2	(D) - - - (D) - -	5 2 6 3 5 5 7 2 3 7	(D) (D) (D) 26 200 149 480 (D) 91 837 (D) (D)	5 2 6 3 5 6 7 2 3 7	1 (D) (D) 16 63 (D) 48 (D) (D)
Calhoun Carroll Cass Cedar Cero Gordo Cherokee Chickasaw Clay Clayton	77355398835566110	17 (D) 112 (D) 78 33 71 19 327 92	1 1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	- (D) (D) (D)	1 3 2 4 6 6 2 1 3 3 4	(D) (D) (D) (D) (D) 2 530 (D) (D) (D) 6 250	1 3 2 4 6 2 1 3 4	
Clinton Crawford Dallas Davis Decatur Delaware Das Moines Dubuque Fayette Floyd	5 5 15 21 10 9 9 6 12	(D) (D) 2 820 244 63 99 46 387 (D)	2 1 - 2 - 2 2 - 2	(D) (D) (D) (D)	2 4 10 9 1 4 5 4 9 6	(D) (D) 271 990 13 070 (D) (D) 3 080 14 744 71 765 4 220	2 4 10 9 1 4 5 4 9	(D) (D) 177 10 (D) (D) 2 7 45 3
Fremont Guthre Hamilton Harcock Hardin Harrison Henry Howard Ids Ilows	85 94 12 58 34 4	168 8 656 27 736 58 26 (D) 15	1	(D) - - (D) - -	2 2 6 - 10 1 - 2 2 2 1	(D) (D) 40 990 71 514 (D) (D) (D)	2 2 6 10 1 2 2	(D) (D) 28 37 (D) (D) (D) (D)

Table 20. Colonies of Bees and Honey-Inventory and Sales: 1987 and 1982-Con.

				Se	ales		
Inve	ntory	Colonies	of bees	Hoi	ney		
Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales (\$1,000)
						i	
8 7 8 24 7 5 15 16 6 5	(D) 109 46 119 162 27 188 1 104 23 24 (D)	1 1 1 - 3 3	(D) (D) (D) (D)	7 6 1 1 2 2 3 3 11 1 2 3 3	(D) 7 350 9 (D) 1 225 (D) (D) 136 850 (D) (D) (D)	7 6 1 1 7 2 2 3 12 2 4 4 6 3	(D) 6 (D) 1 (D) (D) (D) 84 (D) 1
5 10 6 10 5 4	6 29 103 (D) (D) 131 35 100	1	(D) (D)	11626335	(D) (D) 5 087 (D) (D) (D) (D)	116363355	(D) (D) (D) (D) (D) (D) (D) (D)
3 8 3 11 17 17 5 6 6 14	(D) (D) 15 144 1 244 710 51 211 109 2 625	- 1 1 1 2 - -	(D) (D) (D)	3 6 1 10 7 3 5 9 4	(D) (D) 132 368 54 978 2 800 10 970 8 145 303 960	3 - - 2 10 7 3 5 9 4	(D) (D) (D) 117 38 2 6 (D) 192
12 18 5 3 10 6 9 10 9 10 4 21	293 569 (D) (D) 143 26 154 66 216 120 489 5 198 27 3 873	2 2 1 - 4	(D) - - - - (D) - (D)	9 9 1 1 3 2 5 5 2 2 5 5 3 5 1 2 - 1 5 1 5 1 2 1 5 1 5 1 5 1 5 1 5 1 5 1 5	37 100 47 600 (D) (D) (D) 4 660 (D) 18 589 (D) 23 579 614 386	9 10 1 1 3 2 5 5 5 5 5 5 12 - 18	19 36 (D) (D) (D) 3 3 (D) 11 (D) 15 386 184
	Farms 8	8 (D) 7 109 8 46 24 119 7 162 5 27 15 188 16 1 104 6 23 5 24 6 (D) 8 65 29 10 103 6 (D) 10 (D) 5 131 4 35 9 100 3 (D) 8 (D) 8 (D) 8 (D) 8 (D) 8 (D) 10 (D) 5 131 1 1 144 17 1 244 17 1 244 17 1 244 17 7 10 5 5 2 625 12 293 18 569 5 (D) 10 143 5 (D) 10 143 10 (D) 11 14 109 15 2 625 12 293 18 569 5 (D) 10 143 10 144 17 1 244 17 10 51 16 211 17 1 244 18 109 19 100 19 1	Rarms Number Farms Rarms rms Number Farms Number	Number Farms Numb	Farms Number Farms Number Farms Pounds		

Table 21. Fish Sales: 1987 and 1982

[Not published for this State]

Table 22. Miscellaneous Poultry-Inventory and Sales: 1987 and 1982

Out and the same	Inver	ntory	Sa	les
Geographic area	Farms	Number	Farms	Number
DUCKS				
State Total				
lowa	1 057 1 487	31 653 27 092	251 295	29 038 30 315
GEESE				
State Total				
lowa	728 970	14 965 17 556	184 200	18 123 34 190
PIGEONS OR SQUAB				
State Total				
lowe	57 60	4 313 3 099	20 18	2 430 1 381

Table 22. Miscellaneous Poultry-Inventory and Sales: 1987 and 1982-Con.

Geographic area	Inver	ntory	Seles		
daographic area	Farms	Number	Farms	Number	
PHEASANTS					
State Total					
lowa1987 1982	70 54	6 224 1 275	35 14	8 285 945	
QUAIL					
State Total					
lowa1987 1982_	40 30	17 873 3 798	19 6	64 994 (D)	
OTHER POULTRY					
State Total					
lowa	138 148	12 999 23 089	22 23	751 5 057	
POULTRY HATCHED (SEE TEXT)					
State Total					
lowa1987 1982_	213 243	5 944 271 6 406 050	441 558	23 723 636 28 865 177	

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations end symbols, see introductory text]		<u> </u>			
	Inver	ntory		Sales	
Geographic area	Farms	Number	Farms	Number	Sales (\$1,000)
MULES, BURROS, AND DONKEYS					
State Total					
lowa1987 1982	627 288	1 512 757	90 42	240 125	79 39
Countles, 1987					
Adair Adams Adams Allamakee Appanoose Audubon Benton Black Hawk Boone Bramar Buchanan Butler Calhoun Cess Cedar Clay Clayton Clinton Cinton Cinton Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cimdon Cinton Cimdon Ci	4 77 54 33 64 22 4 8 7 3 8 10 6 10 8 7 4 7	14 10 12 4 7 7 7 70 10 16 36 7 12 25 5 15 12 10 7	- - 2 2 2 2 2 - - 1 1	- - - - - - - - - - - - - - - - - - -	(D) (D) (D) (D) (D) (D) (D) (D)
Dallas Davis Decetur Delaware Des Moines Dubuque Emmet Feyette Floyd Franklin	7 8 17 5 3 3 4 9 4 4	15 15 37 27 3 4 9 11 10 4	1 3 3 1 - - - 1	(D) 4 15 (D) - - (D)	(D) 1 (D) (D) - - - (D)
Fremont Grundy Guthrie Hemilton Harcock Herdin Henry Humboldt Ida	7 36 5 5 10 5 3 7 12	11 5 6 21 6 53 11 8 20 40	-4 -1 -3 	- 4 (D) - 5 - (D) (D)	(D) (D)

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.

[For meening or appraviations and symbols, see introductory taxt]	Inven	itory	Sales				
Geographic area	Farms	Number	Farms	Number	Sales (\$1,000)		
MULES, BURROS, AND DONKEYS - Con.							
Countles, 1987—Con.							
Jackson	9 22	46 47	3 4	4 7	1 2		
Jefferson	22 10	20 25	1	(D) (D)	(D) (D)		
Johnson Jones	12 9	25 17	3	(D)	(U)		
Keokuk	6	10	3	4	_1		
Kossuth	8 9	20 25 17	1	(D)	(D)		
Linn	8		-	-	-		
Louisa	6	7	-	-	-		
Lucas	16 17	43 32	3	5 (0)	1		
Medison Mahaska	13	28	1	(D) (D)	(D) (D)		
Marion	15	30		-	_		
Marshall	12 2	27 (D)	4 3	4 8	1 3		
Monroa	9	18		-	-		
Muscatina	7 12	19 38		6 (D)	(D) (D)		
O'Brien	4	9	-	-	\ <u>-</u>		
Palo Alto	6	11	2	(D)	(D)		
Plymouth	6 7	12	- 3	7	3		
Polk Powashiak	4	18 10	3	-	_		
Ringgold	15	22	4	6	2		
ScottShelby	6 3	13 5]		_		
Sioux	3	5		-	-		
Tama Taylor	6 6	18 8	2 2	(D) (D)	(D) (D)		
	3	6	_	(-)	(-,		
UnionVan Buran	5	5	1	(D)	(D)		
Warran	18	34	2	· -	-		
Weshington	6 8	18 18	2	(D) (D)	(D) (D)		
Webster	4	11		-			
Winneshiak	8 7	20 14	1 -	(D)	(D)		
All other counties	36	132	6	45	13		
GOATS, TOTAL State Total lowa	1 082 1 173	7 387 5 870	366 393	3 198 2 579	(NA) (NA)		
					, ,		
Countles, 1987	45	400		20	(NA)		
AdairAllamakee	15 9	109 38	5	30 (D)	(NA) (NA)		
Appanoose	18	79	7	56	(NA) (NA)		
Audubon	6 7	10 20	1 1	(D)	(NA)		
Black Hawk	15	62	5	18	(NA)		
Bremer	15	552	6	27	(NA)		
Buchanan	11 6	57 17	4 1	(D) (D)	(NA) (NA)		
Buena Vista					, ,		
ButlerCalhoun	13 3	98 8	7 -	132	(NA) (NA)		
Cerroll	3 1	(D)	2	(D) (D) 34	(NA) (NA)		
CassCedar	12 13 9	20 75	1 6	34	(NA)		
Cerro Gordo	9	109	3	(D)	(NA)		
CherokeeChickasaw	13 9	44 38	4 2	16 (D)	(NA) (NA)		
Clarka	15 3	74	9	(D) 50	(NA)		
Clay	3	4	1	(D)	(NA)		
Clayton	18	85	5 10	26	(NA) (NA)		
Clinton	13 11	57 80	'1	25 (D) (D)	(NA)		
Dallas	15	52 63	1 3	(D) 13	(NA) (NA)		
Davis Decatur	16 12	32	3	(D)	(NA)		
Deleware	12 5	59	- 2	(D)	(NA) (NA)		
Des Moines	5 23	32 197	7	34	(NA)		
Feyette	9	145	2	(D)	(NA)		
Floyd	12	38	4	9	(NA)		
Framont	3	(D)	1	(<u>D</u>)	(NA)		
Greene	7 11	8 47	2 6	(D) (D) 27	(NA) (NA)		
Grundy	13	45	2	(D)	l (NA)		
Hemilton	6	15 20	3 1	(D)	(NA) (NA) (NA)		
Hencock	8	20 74	1	(D) (D)	(NA)		
Harrison	11 17	42 372	4 7	3Ó 66	(NA) (NA)		
Henry	17 1	. 3/2	,	. 30	. (130)		

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]	Inven	tory		Sales	
Geographic erea	Farms	Number	Farms	Number	Sales (\$1,000)
GOATS, TOTALCon.					
Countles, 1987—Con.					
Howard	9 2 10 10 22 16 12 19 9	41 (D) 19 50 124 67 67 83 143 72 102	7 3 5 12 7 4 7 5	25 6 10 32 75 50 18 34 (D) 35	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)
Kossuth	11 14 26 16 14 11 10 17 15 16	47 96 1111 77 49 52 60 74 83 93	5 2 7 5 7 5 3 6 2 6	42 (D) 61 26 50 43 40 28 (D) 38	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)
Mills	3 10 5 20 8 14 4 7 7 14 8	7 79 24 194 67 101 (D) 55 61	1 2 1 5 1 7 1 1 - 6 3	(D) (D) (D) 32 (D) 34 (D) 29 6	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)
Plymouth Plymouth Plymouth Pocahontas Polk Pottawattamie Poweshiek Ringgold Sac Scott Shelby Sioux Polymouth Plymouth Pl	11 3 9 11 7 10 5 15 10	24 7 107 30 37 76 15 113 54	3 - 5 5 3 2 2 3 3 - 5 5 5 3 3	10 (D) 15 (D) 28 29 45 5	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)
Story — — — — — — — — — — — — — — — — — — —	11 20 13 5 20 16 20 12 8 8	82 164 94 12 88 61 115 58 40 24	4 9 5 1 4 4 4 11 11 4 3	29 57 28 (D) 21 47 126 144 8 8 8	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)
Winnebago Winneshiek Woodbury Worth Wright All other counties	6 17 14 10 7 7	19 755 60 120 20 25	2 5 4 4 1 1	(D) 143 (D) 148 (D) (D)	(NA) (NA) (NA) (NA) (NA) (NA)
GOATS, EXCEPT ANGORA AND MILK					
State Total lowa1987 1982	757 323	3 201 1 120	271 99	2 116 (D)	61 (D)
RABBITS AND THEIR PELTS					
State Total					
lowa1987 1982	494 329	13 788 11 719	173 171	36 971 27 837	177 122
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS					
State Total					
lowa1987 1982	134 (NA)	(X) (X)	86 (NA)	(X) (X)	413 (D)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982

[For meaning of ebbrevietions end symbols, s		,,	1987			1982					
Geogrephic araa		Hervestad		Irrigate	ed		Hervested		Irrigat	Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Ferms	Acres	
CORN FOR GRAIN OR SEED (BUSHELS)											
State Total											
lowe	83 301	10 147 051	1 274 388 346	453	62 099	92 462	12 880 050	1 466 953 043	386	59 796	
Counties						:					
Adair	798 516 842 480 674 1 183 996 825 890 1 136	93 246 51 424 61 451 26 382 89 190 144 170 120 536 112 738 93 017 139 845	11 527 532 6 143 315 7 918 552 2 836 759 11 444 514 19 409 044 16 646 615 15 534 064 12 379 993 19 024 742	2 - 2 1 1 2 1 1 4 1	(D) - - (D) (D) (D) 160 (D)	900 580 928 499 744 1 328 1 074 931 1 057 1 193	107 781 62 254 82 443 31 651 112 767 188 670 146 916 141 511 116 766 176 718	10 350 588 5 496 845 8 829 375 2 645 243 11 646 059 22 099 370 17 815 328 17 333 411 13 654 093 21 468 464	1 - 1 - 1 2 - 4	(D) (D) (D) (D) 254	
Buena Vista Butler	953 1 024 872 1 105 783 953 757 928 869 459	125 356 121 799 111 282 132 252 106 962 138 757 123 528 111 626 99 779 37 261	15 880 096 15 823 601 15 303 730 17 304 749 13 504 527 16 395 191 15 908 537 13 914 353 12 785 975 3 462 983	3232112181	(D) (D) 295 (D) - (D) - 775	1 056 1 195 1 008 1 159 870 1 113 847 1 016 958 525	163 381 154 661 148 119 152 727 129 355 192 257 158 200 137 628 130 415 47 634	19 128 081 17 987 647 17 999 607 16 712 864 13 117 123 25 190 085 19 103 648 16 198 419 13 451 087 3 487 164	2 1 1 1 1 - - 2 1 6 -	(D) (D) (D) (D) (D) (D)	
Clay	750 1 383 1 183 1 050 776 569 402 1 247 596 474	103 766 130 350 165 946 132 197 108 578 40 121 33 659 152 360 70 934 67 152	13 480 814 17 251 649 17 740 345 15 865 611 14 777 623 3 532 975 3 456 175 20 496 465 7 752 886 8 680 549	2	(D) - (D) (D) - (D) - (D) - (D)	882 1 428 1 329 1 236 886 650 448 1 303 634 550	146 191 158 460 225 437 162 571 145 678 56 371 47 354 184 224 95 773 91 610	16 086 229 18 436 475 27 944 257 16 789 928 17 589 876 5 211 412 3 942 426 22 956 796 12 103 320 10 272 578	4 - - - 1 2 1	413 	
Dubuque	1 367 523 1 271 811 870 567 789 886 737 883	103 204 76 262 152 228 108 155 130 089 87 155 112 576 128 793 82 343 126 152	13 034 171 10 513 999 20 745 603 13 898 599 17 768 732 9 823 386 16 013 687 18 051 570 10 291 912 17 603 314	-546594-21	218 (D) 605 234 1 148 377 (D) (D)	1 440 617 1 376 894 1 022 605 882 954 841 990	122 836 107 116 189 247 132 029 172 074 97 807 148 325 160 873 107 907 165 668	14 830 558 12 916 187 20 846 810 15 091 739 20 827 413 8 725 670 17 624 475 19 687 197 11 360 563 20 614 069	3 2 6 2 7 3 -	(D (D) (D) 773 445 (D)	
Harcock Hardin Harrison Henry Howard Humboldt Ida Iowa Jackson Jasper	940 872 835 670 790 679 651 863 1 032 1 104	128 403 128 885 124 451 76 628 86 835 96 411 92 054 118 279 86 001 140 825	17 048 320 17 937 064 16 261 726 7 780 010 10 708 944 13 484 942 11 032 148 14 285 398 9 565 228 18 812 791	5 1 70 - 1 3 - - - 5	450 (D) 9 998 (D) 261 - - (D)	1 050 983 956 765 879 749 725 950 1 130 1 245	166 870 167 179 148 222 104 574 109 104 124 196 111 238 153 884 116 534 177 296	20 170 740 21 145 166 15 315 138 12 564 266 10 854 823 15 813 697 12 682 001 17 707 102 13 723 345 21 054 371	4 1 63 - 2 1 1 1 -	480 (D) 11 122 (D) (D) (D) (D)	
Jefferson Johnson Jones Keokuk Kossuth Lee Linn Louisa Lucas Lyon	570 1 020 941 828 1 556 707 1 260 537 400 1 016	63 756 108 975 115 264 109 327 212 709 67 487 124 735 72 324 28 860 117 416	6 364 526 11 784 648 13 718 597 13 610 959 30 307 429 6 070 069 15 227 689 7 168 836 2 908 261 13 619 698	1 - - 5 4 - 14 - 12	(D) - 390 176 - 1 765 - 1 038	679 1 160 1 082 955 1 691 762 1 375 586 458 1 185	81 451 145 747 152 719 138 528 273 362 84 397 157 295 94 241 38 653 149 090	9 023 779 17 586 784 19 351 320 16 229 762 34 888 272 9 785 050 19 259 510 11 895 481 2 941 910 15 102 970	1 5 - 2 8 - 8	(D 590 (D 1 277	
Madison	698 954 801 833 513 763 738 447 575 684	58 576 107 872 70 865 121 035 80 324 96 111 127 574 26 349 73 645 81 722	6 955 682 14 344 045 8 764 911 16 830 774 9 796 784 11 770 471 15 077 846 2 665 907 8 730 435 7 955 200	- - - 3 2 84 - - 14	470 (D) 17 551	761 1 030 868 961 526 842 778 481 592	71 220 127 705 81 644 155 054 94 974 117 903 155 575 32 211 84 492 104 558	6 706 904 14 086 859 8 138 926 18 972 614 9 143 749 13 667 001 16 765 786 2 527 481 7 856 659 12 902 533	1 6 2 67	(D) 905 (D) (D) 	
O'Brien Osceola Page Palo Alto Plymouth Pocahontas Polk Pottawattamie Poweshiek Ringgold	1 056 616 812 838 1 452 910 653 1 287 818 482	124 897 77 922 84 480 118 241 188 164 118 510 80 518 190 703 100 151 40 969	16 222 003 10 347 932 9 291 092 15 586 249 20 983 864 15 779 661 11 274 889 25 187 379 12 586 370 4 248 023	9 2 27 11 2 1 6	895 (D) 4 254 1 336 (D) (D) 1 785 (D)	1 138 720 818 918 1 575 1 002 724 1 401 917 524	155 057 102 719 94 960 154 733 226 503 157 764 100 893 231 146 129 984 51 306	15 053 738	10 - 22 14 1 - 8	999 (D) 2 255 (D) (D)	

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, se	e introductory	textj	1987			1982					
Geographic area		Harvested	1307	Irrigated	<u> </u>		Harvested	1002	Irrigate		
	Farms	Acres	Quentity	Farms	Acres	Farms	Acres	Quantity	Ferms	Acres	
CORN FOR GRAIN OR SEED (BUSHELS)—Con.											
Counties—Con.											
Sac Scott Shelby Sioux Story	897 763 984 1 561 885	119 558 111 372 132 411 194 424 116 748	15 021 139 13 407 266 16 173 496 22 031 184 16 455 650	6 - 54 5	621 - 7 716 (D)	964 878 1 130 1 689 986	149 270 148 128 163 575 226 736 152 049	16 488 523 19 310 273 18 089 977 23 940 261 19 136 567	2 - 53 1	(D) - - 6 848 (D)	
Tama	1 137 581 473 553	146 615 55 044 40 799 41 462	19 327 395 5 868 957 4 545 259 4 100 414	-	- - -	1 228 653 521 652	173 412 64 316 49 811 58 885	20 382 661 4 986 346 4 211 312 5 885 896	1 -	(D)	
Warren	793	49 900 69 880	5 287 674 8 380 487 13 290 292	1 3	(D) 28	628 847 1 018	60 987 84 363 153 099	6 668 944 8 010 793 19 016 996	1 1	(D) (D)	
Washington	932 505 1 048	116 371 43 055 138 143	4 557 377 19 331 951	1	(D)	557 1 140	60 140 182 890	4 554 293 23 057 388	- 1	(D) (D) (D)	
Winnebago	640 1 290 1 020	87 427 103 614 162 688	11 820 656 13 335 146 18 991 273	1 20	(D) 3 564	711 1 425 1 178	112 432 132 345 214 962	13 198 676 13 478 416 22 589 745	1 2 24	4 883	
Worth	552 798	77 320 119 346	10 020 057 16 476 936	2 2	(0)	669 903	104 574 163 690	12 557 015 20 396 041	3	390	
SORGHUM FOR GRAIN OR SEED (BUSHELS)											
State Total	108	4 376	334 779	_	_	292	13 500	752 727	1	(D)	
Countles	190		337,773							ν-,	
Adams Boona Chickasaw	3 3 3 4	160 10 (D) 19	(D) 420 (D) 993	-	-	4 3 (NA) 12	(D) (D) (NA) 398	4 480 5 225 (NA) 10 889	(NA)	(NA)	
Clarke Decatur Dubuque Fremont	3 4 7	136 64 484	11 780 4 730 46 258	-	-	7 (NA) 15	347 (NA) 739	16 480 (NA) 65 258 (NA)	(NA) (NA)	(NA) (NA)	
Howard lowa Jasper	3 3 4	169 (D) (D)	(D) (D) (O)		- -	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA (NA	
Johnson	7 5	144 158	8 160 7 134	-	-	5 3	92 (D)	2 424 2 040 (NA)	- (NA)	(NA	
Linn Palk Story	4 3 3	200 61 14	14 060 (D) 1 200	-	-	(NA) 5 (NA)	(NA) (D) (NA)	(D) (NA)	(NA)	(NA	
Taylor Washington All other counties	4 6 39	57 80 2 283	2 560 3 847 174 961	- - -	-	5 19 (NA)	(D) 409 (NA)	9 900 14 628 (NA)	(NA)	(NA	
WHEAT FOR GRAIN (BUSHELS)											
State Total											
Countles	1 345	31 047	1 180 360	2	(D)	2 731	98 688	2 845 239	13	843	
Adair	7 17	(D) 519	46 740 11 123	-	-	31 61	1 161 2 402	36 306 61 312	- 1	(D)	
Appanoose	8 7 17	115 356 302	3 735 17 472 12 534	=	-	42 13 12	853 608 550	23 153 18 236 10 530	-	:	
Black Hawk Boone	5 11	134 167	5 063 7 423	-	-	12 7 13	532 561 122	17 513 23 786 3 115	-		
Bremer Buchanan Buena Vista	3 10 3	(D) 135 (D)	981 6 416 10 260	-	-	4 7 3	136 314	3 910 5 620	-	:	
Butler	7 3	220 447	7 952 24 364	-	-	10 7	262 161	5 601 4 183 82 352	-	•	
Cass Cadar Cerro Gordo	22 9 3	505 297 (D)	17 436 8 695 450	-	-	52 15 4	2 380 296 87	12 987 1 660	=		
Chickasaw	7 7 11	215 162 143	8 450 3 355 6 840	-	-	6 15 3	82 334 (D)	2 558 9 685 (D)	- 1	(D	
ClintonCrawford	31	510 120	26 072 4 853	-	-	14 28	247 895	9 067 30 022	-		
Dallas Davis Decatur	8 31 15	322 589 304	19 349 17 300 8 160	-	-	10 83 44	372 2 129 2 178	15 057 53 316 58 208	- - 1	(D	
Delaware	21 42 5	275 690 166	10 215 35 118 6 521	-	-	5 84 (NA)	158 3 057 (NA)	6 644 98 275 (NA)	- (NA)	(NA	
Dickinson Dubuque Fayette	11 12	104 213	4 735 7 220	-	-	11	230 326	8 391 9 976		4, 40	
Franklin	5 3	34 (D)	1 120 11 910	-	-	7 3	179 (D)	8 039 (D)	-		

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

			1987			1982				
Geographic area		Harvested		Imigeted			Hervested		Irrigete	d
	Ferms	Acres	Quantity	Ferms	Acres	Farms	Acres	Quantity	Ferms	Acres
WHEAT FOR GRAIN (BUSHELS)—Con.										
Countles Con.										
Fremont	19 5	577 139	22 367 4 180	-	-	61	3 958 612	68 546 20 950	-	-
Grundy	5	68	3 485 3 290	-	-	(NA)	(NA) 409	(NA)	(NA)	(NA)
Hamilton	3 32	(D) 1 101	8 620 37 407	-	-	(NA)	(NA)	14 590 (NA)	(NA)	(NA)
Henry	22	301	13 151	-	-	147 60	6 220 1 261	207 700 37 241	-	(D)
Howard	6 8	122 79	3 112 3 240	-	-	8 3	(D) 22	13 610 680	-	-
lowa	12	111	6 413	-	-	16	413	15 035	-	-
Jeckson	40 5	542 65	23 455 2 667	-	-	17 9	427 189	19 155 7 308	-	=
Jefferson	33 18	1 128 369	29 320 17 322	-	-	70 26	1 841 694	50 816 26 907	-	_
JonesKeokuk	13 29	196 616	5 020 25 108	-	-	13 48	992 1 056	23 768 36 927	-	-
KossuthLee	119	54 1 807	2 260 69 203	-	-	6 243	193 5 578	3 490 142 196	-	-
LinnLouisa	28 24	368 716	12 916 28 483	2	(O)	18 31	688 1 184	24 470 38 956	- 2	(D)
Lyon	5	53	2 250	-	-	13	383	13 907	-	-
Mahaska	6	120 94	5 045 3 615	-	-	37 9	1 299 105	31 703 2 802	-	-
Marion	16 10	235 140	7 450 5 938	-	-	35 6	915 76	28 174 4 290	-	-
Mills	29 23	673 338	22 119 12 084	-	-	73 15	3 109 530	87 181 16 454	-	-
Monroe	34 6	1 151 104	38 895 4 095	-	-	66 16	5 265 248	150 032 6 595	1 -	(D)
Montgomery	12	482	17 674	-	-	70	2 497	66 229	-	-
Muscatine	28 3	737 34	27 926 1 560	-	-	26 4	1 039 160	40 239 6 080	2 -	(D)
OsceolePage	5 64	158 1 626	4 079 57 610	-	-	9 154	243 5 557	6 069 134 320	-	-
Plymouth	19 4	325 107	14 129 3 940	-	-	16 21	732 786	26 028 22 448	1 -	(D)
PottawattamiePoweshiek	43 6	1 516 164	54 434 8 820	-	-	115	3 845 81	141 885 4 180	-	-
Ringgold	10	437 64	12 789 3 150	-	-	48 15	2 010 782	37 916 32 803	-	-
Scott	6	109	5 604	-	-	8	110	3 780	_	_
Shelby	4 7	58 231	2 710 9 820	-	-	17 10	768 472	29 845 17 517	- 1	(D)
Story	7 10	128 240	5 419 9 760		-	8	144 393	5 255 8 558	-	
Taylor	27 10	576 268	24 097 7 953	-	-	107 42	4 358 1 881	89 988 58 912	-	-
Ven Buren	40	554 59	18 220 1 170	-	-1	132	3 629 1 178	93 388 38 707	-	-
Warren	9	207	8 579	-	-	41	1 402	36 837	-	-
Washington	47 19	876 343	36 235 11 688	-	-	52 42	1 218 1 372	47 571 37 681	2	(D)
WebsterWinneshiek	3	(D) 79	2 650 4 030	-	-	(NA)	(NA) 259	(NA) 7 760	(NA)	(NA)
Woodbury	16 17	697 821	20 137 31 805	-	-	14 (NA)	1 002 (NA)	32 224 (NA)	(NA)	(NA)
			. 555			(,,,,	(,,,,	(17.7)	(10.7)	(147.)
BARLEY FOR GRAIN (BUSHELS)										
State Total										
lowa	357	6 545	358 125	7	483	137	3 449	161 974	4	184
Countles										
Allamakee	20	399	19 938	-	-	. 5	122	8 260	-	
Benton	3	(D) 13	(D) 560	-[-	(NA) (NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Buena Vista	4 4	52 64	3 230 3 460	-		(NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
CherokeeChickasaw	3	110 45	4 509 1 968	1	(D) -	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Cleyton	22	449 69	23 351 3 551	-	-	5 5	45 157	2 010 6 500		
Delaware	12	188	13 830	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	56 24	990 442	59 917 25 360	-	-	(NA) 7	(NA) 119	(NA) 3 800	(NA) -	(NA)
Franklin	9	48 189	2 820 10 215	-	-	(NA) 5	(NA) 134	(NA) 4 108	(NA)	(NA)
lda Jackson	3 3	115 40	6 535 2 030	-	-	6 4	155 42	11 560 2 784	-	-
Johnson	3	19	1 140	-	-	(NA)	(NA) (NA)	(NA) (NA)	(NA)	(NA)
Jones	3 3	(D)	(D) I	-	- 1	(NA)		UVALI	(NA)	(NA)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

	1987						1982					
Geographic area		Hervested		Irrigata	id	Harvested			Irrigati	Irrigatad		
	Ferms	Acres	Quantity	Farms	Acras	Ferms	Acres	Quantity	Farms	Acres		
BARLEY FOR GRAIN (BUSHELS)—Con.												
Countles—Con.												
Mitchell	8	64	2 525	_	-	(NA)	(NA)	(NA)	(NA)	(NA)		
Muscatine Plymouth Plymouth	3 4	44 124	1 320 6 791	-	-	(NA) 4	(NA) 93	(NA) 6 550	(NA)	(NA)		
SacShelby	3 3	62 35	3 460 1 900	-	-	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)		
TamaWinnashiak	5 93	99 1 470	4 765 76 087	1 -	(D) -	3 3	(D) 76	(D) 3 850	` <u>-</u>	` -		
Woodbury	3 44	(D) 1 058	(D) 59 118	4	353	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)		
MIXED GRAIN (BUSHELS)												
State Total						!						
lowa	5	103	5 540	-	-	13	452	15 695	-	-		
OATS FOR GRAIN (BUSHELS)												
State Total												
lowa	25 398	544 907	30 918 660	16	484	35 752	811 716	45 769 302	21	433		
Countlea												
AdairAdams	318 178	6 998 4 495	313 087 198 446	-	-	486 262	11 545 6 881	510 718 250 468	-	_		
AllemakeeAlppanoose	577 92	14 044 1 461	808 084 63 161	-	-	662 134	14 907 2 134	814 921 67 868	1	(D)		
AudubonBanton	236 457	5 359 9 097	332 061 547 160		-	384 619	9 522 13 098	526 448 733 540	-			
Black Hawk	228 148	4 596 3 031	243 747	-	-	347 268	6 943	363 395 333 105	-	_		
Boona Bramer Buchanan	339 474	6 102 8 399	186 754 355 158 475 365	-	-	459 513	5 416 8 468 9 957	402 525 469 424	-	-		
Buana Vista	169	3 160 6 881	188 471 392 072	-	-	310	6 062 11 090	437 499	_	-		
ButterCalhoun	361 140 375	2 913	167 384	-	-	544 283	6 385	600 642 467 266		(D)		
Cerroll	185	8 249 3 618	493 853 151 785	-	-	518 341	11 912 7 667	796 252 337 778		-		
CedarCarro Gordo	324 166	5 739 3 600	361 588 200 255	-	-	423 265	8 116 5 644	492 998 340 832	1 -	(D)		
CherokaaChickasawClerkaC	219 381 142	4 098 7 470 3 347	262 749 450 070 101 555	-	-	383 441 182	8 084 8 945 4 298	636 600 402 283 124 563	1	(D) (D)		
Clay	111	2 587	145 093	-	-	253	6 111	405 917	-	-		
Clayton	932 447	22 492 7 919	1 453 302 467 898	2	(D)	979 509	23 130 9 984	1 190 512 576 764	-	_		
CrawfordDallas	459 124	11 605 2 441	522 245 138 165	-	-	718 186	21 572 3 172	1 421 057 198 263	-	_		
Davis Decatur	171 55	2 702 1 180	105 283 36 181	-	-	237 93	4 029 1 909	121 172 48 469	-	_		
Des Moinas	767 72	17 362 1 072	1 083 467 50 331	-	-	825 103	19 199 1 400	960 503 62 314	-	_		
Dickinson	96	2 212	130 921	-	-	162	3 644	268 587	-	-		
DubuqueEmmet	973 54	22 459 1 074	1 449 245 65 923	-	-	1 065 94	24 858 1 646	1 152 458 119 231	-	-		
Feyette	662 211	14 940 4 573	967 020 278 941	-	-	807 328	18 081 7 403	943 149 363 225	1	(D)		
Franklin Framont	177 20	2 772 437	165 857 21 686	-	-	308 62	5 547 1 509	321 577 72 579	-	_		
Greena	128 169	2 336 2 666	144 126 160 529	-	_	195 278	4 087 6 066	269 988 352 447	-	_		
Guthna	229 95	5 183 1 483	249 610 97 869	-	-	380 187	8 999 2 886	463 145 160 069	1	(D)		
Hencock	198	3 471	226 932	1	(D)	341	6 111	365 293	-	-		
Hardin	141 146	2 681 3 325	164 514 171 519	-	-	260 273	5 403 7 645	328 755 497 882	-	-		
HenryHoward	127 378	1 925 9 270	90 324 505 665	-	-	184 487	2 927 12 003	123 279 584 675	1	(D)		
Humboldtlda	106 200	2 107 4 566	123 290 222 282		-	141 324	2 805 9 411	194 297 685 981	1 -	(D)		
lowa Jackson	393 642	9 024 14 445	457 953 847 486	- 1	- !	459 712	10 738 15 859	506 915 738 155	- 1	(D)		
Jasper	389	8 616	477 835	i	(D) (D)	579	13 049	737 591	-	(0)		
Jeffarson	171 465	3 411 10 945	144 299 570 480	- 1	(D)	238 525	4 700 11 437	193 563 554 889	-	_		
Jonas Keokuk	428 224	9 551 4 281	549 614 200 473	-	-	517 304	11 425 6 244	544 213 281 493	-	-		
Kossuth	267 107	4 886 1 712	297 649 64 373	-	-1	424 131	6 916 1 897	478 535 74 623		-		
Linn Louisa	489 83	9 449	512 429 54 386	1	(D)	559 115	11 367 2 208	501 366 101 602	- 1	(D)		
	89	1 837	71 585	1	(D)	133	2 782	94 297	' [(5)		

Table 24. Grains-Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982-Con.

[For meaning of abbreviations and symbols,	sea introductory	text)	1987				*	4000		
Geographic area		Harvested	1907	Imigated			Harvested	1982	Imigate	
	Farms	Acres	Quantity	Farms	Acrea	Farms	Acrea	Quantity	Farms	Acres
OATS FOR GRAIN								dominy	, ama	Acroa
(BUSHELS) – Con.										
Countles - Con.										
Madison Mahaska Manon	142 318 246	3 048 6 110 4 948	153 495 337 828 248 410	-	-	237 487 326	4 854 9 147 6 855	201 418 454 832 314 512	2	- (D)
Marshall	197 52	3 631 1 210	184 055 55 7 91	-	-	307 104	6 704 2 212	369 757 101 253	-	(b) - -
Mitchell	321 128 83	7 833 4 556 1 457	476 743 214 139 62 381	1	(6)	440 220 116	11 016 7 226 2 226	570 060 486 380 75 721	-	-
Montgomery	96 204	1 866 4 275	91 878 224 208	1	(D)	187 252	3 631 5 032	158 943 294 363	-	=
O'Brien Osceola	283 157	4 530 2 702	346 987 195 555	-	-	377 293	7 357 6 484	567 640 515 169	- 1	(D)
Page Palo Alto Plymouth	136 156 563	2 540 3 157 16 054	107 537 197 644 1 058 772	=		226 239 908	4 973 5 071 29 494	197 745 346 962 2 209 116	-	1
Pocahontas	121 88	2 024 1 600	125 628 87 155	2	(D)	220 143	4 245 2 742	301 329 142 333		Ξ
Pottawattamie Powashiek Ringgold	300 367 98	7 231 9 532 2 560	451 766 464 644 90 507	1	(D)	450 518 121	11 918 13 759 3 735	711 435 738 063 110 629	=	=
SacScott	237 263	5 983 4 480	362 676 293 480		-	393 336	8 499	689 114	1	(D)
Shelby	380 479	8 645 10 947	476 387 744 073	1	(D) (D)	593 836	6 042 15 110 23 997	385 075 986 603 1 818 046	- 2	(D)
Story Tama Taylor	90 347 120	1 527 6 465 2 737	86 951 313 356 104 925	1	(D) -	172 547 190	2 902 10 857 4 415	160 239 565 438 146 753	-	=
Union Van Buren	139 122	3 301 2 046	137 330 72 429	=	=	239 167	6 178 2 706	228 631 83 733	=	Ξ
Wapello	98 167	1 651 2 972	68 796 125 358	-	-	124	1 990	80 535 181 085	-	-
Washington Wayna Webster	327 81 93	6 212 1 625 1 798	295 085 57 353 104 881	-	-	358 139 166	6 944 3 451 3 441	324 488 92 822	ī	(D)
Winnebago	157 853	2 860 20 576	186 347 1 217 857	=		244 1 057	4 389 26 005	214 039 266 192 1 341 908	-	=
Woodbury	282 146 88	9 046 2 758 1 546	495 502 160 748 94 034	=	=	493 262 129	18 807 5 063	1 372 094 297 258	1 -	(D)
		1 340	34 034	-	-	128	2 350	145 496	-	-
POPCORN (POUNDS, SHELLED)							1			
State Total										
lowa	584	22 040	60 796 850	14	(D)	280	17 709	47 829 502	8	1 206
Counties										
Adair	8	(O)	400 977	_	_	3	67	106 000	_	_
Allamakea	17 6 5	(D) (D) (D) 129	423 866 705 042 120 500	=		(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Black HawkBoona	8 5		67 740 614 460	-	Ξ	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Buchanan Buana Vista Carroll	8 4 10	(D) (D) (D) (D)	402 820 917 100	1 -	(D) - -	(NA) (NA)	(NA) (NA) 208	(NA) (NA) 624 900	(NA) (NA)	(NA) (NA)
Cass	10		944 906	-	-	3	180	418 030		
Cedar Cerro Gordo Cherokee	3 10	20 (D) 355	17 500 (D) 823 333	-	-	(NA) (NA) 5	(NA) (NA) 192	(NA) (NA) 558 000	(NA) (NA)	(NA) (NA)
Chickasaw	3 4 4	52 (D) (D)	(0)	-	-	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
CrawfordDailas	27 3	1 089 (D)	3 457 640 12 000	=	=	(NA) 32 (NA)	(NA) 1 576 (NA)	3 441 958 (NA)	(NA) (NA)	(NA) (NA)
Decatur Delaware	3 9	148 (D)	291 800 146 785	-	-	(NA)	96 (NA)	270 `40Ó (NA)	(NA)	(NA)
Dubuque	7 9	49 (D) 75	80 700 223 380	-	-	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Floyd Franklin	6 3 20	75 (D) (D)	150 000 121 910 2 642 640		-	(NA) (NA) 13	(NA) (NA) 886	(NA) (NA) 2 088 485	(NA) (NA)	(NA) (NA)
Hamilton Hancock	5 5	(D) 133	261 161 345 250	=	-	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Harrison Howardlda	21 9 17	(D) (D) 552	6 890 477 170 000 1 741 868	6 - -	523	12 (NA) 7	1 818 (NA) 227	5 783 795 (NA) 681 500	(NA)	(D) (NA)
lowa Jackson	5 7	(D) 75	422 365	-	-	4	216	698 000	-	- -
Jasper Johnson	10	431 57	90 400 1 274 150 (D)	=	-	(NA) 3 17	(NA) 4 856	(NA) (D) 2 407 196	(NA) -	(NA) - -
Veokuk	3 7	(D) 205 391	(D) 593 100	-	-	(NA) 8	(NA) 507	(NA) 1 204 550	(NA)	(NA)
Kossuth Linn Madison	12 3 5	(D) 39	1 315 485 (D) 69 000	=	-	(NA) 4 (NA)	(NA) (D) (NA)	(NA) (D) (NA)	(NA) (NA)	(NA) (NA)
Mahaska	6	23	24 900	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 24. Grains-Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982-Con.

			1987					1982		
Geographic area		Harvasted		Irrigate	ed		Harvasted		Irrigate	ed
	Ferms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farma	Acres
POPCORN (POUNDS, SHELLED)—Con.										
Countles—Con.							ľ			
Marshall	5 5 11 41 3 4 5 22 7	80 406 (D) 2 777 (D) (D) 308 792 218 (D)	238 400 948 020 306 000 8 359 055 (D) 399 400 889 700 2 539 294 380 888 574 206	3	(D)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) 1 428 (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) 3 867 300 (NA) (NA) (NA) 239 800 (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (D) (NA) (NA) (NA) (NA)
Sac	41 15 3 4 6 6 6 38 3 42	1 876 (D) (D) (D) (D) 272 8 2 294 (D) 1 192	4 780 772 1 371 030 (D) 668 700 4 160 7 083 550 240 000 2 479 860	1 1 1 1	(D) (D)	44 19 (NA) (NA) (NA) (NA) 4 25 (NA) (NA)	2 857 717 (NA) (NA) (NA) (NA) 1 515 (NA) (NA)	8 533 347 1 484 201 (NA) (NA) (NA) 9 925 4 418 270 (NA)	- (NA) (NA) (NA) 2 (NA) (NA)	(NA) (NA) (NA) (D) (NA) (NA)
RYE FOR GRAIN (BUSHELS)										
State Total										
lowa	138	1 867	56 342	3	84	142	2 187	58 124	3	18
Countles			- 43							
Benton Buchanan Butler Carroll Cerro Gordo Cisyton Cinton Greene Guthrie Jackson	5 7 3 3 3 6 4 3 3	28 89 48 48 55 22 36 39 48 46	490 2 250 1 715 2 655 (D) 1 330 1 935 1 460 (D)			(NA) 4 (NA) (NA) (NA) (NA) (NA) (NA)	(NA) 39 (NA) (NA) (NA) (NA) 27 (NA) (NA)	(NA) 1 419 (D) (NA) (NA) (NA) (NA) 720 (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA)	(N - 1 (NA) (NA) (NA) (NA) (NA) (NA)
Johnson Jones Lee Louisa Mills Muscatine Sioux Van Buren Washington Winneshiek All other counties	4 4 3 11 4 12 5 3 3 3 44	27 (D) (D) 181 17 193 (D) 23 12 12 602	792 2 250 (D) 2 790 720 2 789 5 835 596 410 (D) 21 440	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(D) (D)	4 3 4 11 (NA) 10 (NA) (NA) (NA) (NA) (NA)	42 (D) 22 230 (NA) 212 (NA) (NA) (NA) (NA)	1 144 (D) (D) 5 525 (NA) 4 089 (NA) (NA) (NA) (NA) (NA)	- - 2 (NA) 1 (NA) (NA) (NA) (NA) (NA)	(DA) (DA) (DA) (DA) (DA) (DA) (DA) (DA)

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982

[For meening of ebbreviations end symbols,	see introductory	text]	1007			1				
Geographic area		Harvested	1987					1982		
Geographic area	Farms		Ougatitu	Irriga			Harvested		Irriga	-
SOYBEANS FOR BEANS (BUSHELS)	rams	Acres	Quantity	Farme	Acres	Farms	Acres	Quantity	Farma	Acres
State Total										
lowe	68 278	7 903 395	326 081 351	221	20 304	73 175	8 044 305	291 189 890	179	21 215
Countles										
Adeir Ad ams Ad ams Allamakee Appanoose Audubon Benton Black Hawk Boone Bremer Buchanen	667 451 120 401 607 1 062 867 795 692 870	66 704 42 173 3 726 25 860 65 109 126 534 88 213 122 615 52 660 71 922	2 824 823 1 603 229 156 073 914 278 2 752 156 5 712 984 4 010 768 5 406 176 2 283 773 3 242 621	2 1 1 - 1	- - - - - - - - - - - - - - - - - - -	724 513 93 462 589 1 159 903 869 801 831	80 881 48 894 3 881 27 523 60 722 125 858 89 027 117 840 54 571 70 985	1 983 818 1 359 848 127 430 878 723 2 213 337 4 949 328 3 342 554 4 613 391 1 903 151 2 536 562	2	- - - - - - (D)
Buena Vista Butler Calhoun Cerroll Cess Cedar Ceror Gordo Cherokee Chickasaw Clarke	924 926 853 1 037 724 772 683 860 691 347	130 258 86 141 144 293 115 659 84 078 71 248 98 942 100 873 59 084 24 717	5 335 671 3 689 973 6 418 023 4 939 438 3 381 709 3 170 044 4 077 185 4 296 210 2 461 583 810 789	3 2 4 1 1 2 1 2 1	87 (D) 242 (D) (O) (O) (O)	975 1 008 982 1 058 768 727 782 931 751 413	128 285 87 484 142 903 105 382 78 903 65 194 108 511 94 917 88 068 31 031	4 754 154 3 074 173 5 444 739 3 917 008 2 875 778 2 786 003 3 849 075 3 665 347 2 089 898 855 044	1 1 1 - 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1	(D) (D) (D) - - 422 (D)
Cley	725 170 790 946 713 424 349 473 521 463	114 582 10 851 63 428 98 070 103 628 31 948 31 224 26 262 50 976 74 062	4 687 610 470 117 2 843 390 3 728 789 4 548 961 1 021 541 1 110 698 1 209 472 1 927 508 2 903 116	1	(D) - - - - - -	841 103 735 1 085 821 481 409 342 524 511	122 931 4 774 81 018 95 097 110 491 38 280 38 795 23 128 50 035 78 487	4 282 755 159 841 2 544 218 3 581 513 4 380 271 1 069 729 1 110 730 858 791 1 979 638 2 722 856	1	(D) - - - - - - (D)
Dubuque	101 502 772 739 799 577 781 828 643 841	4 133 84 899 67 824 93 208 111 856 107 022 139 225 103 749 72 201 133 655	190 367 3 648 321 3 026 716 3 800 357 4 815 151 3 991 260 6 162 505 5 036 510 2 943 678 5 584 073	2 1 4 1 2 3 - 2	(O) (D) 158 (O) 182 (O) 0)	49 593 774 829 917 627 882 858 713	2 578 93 138 68 751 100 532 117 185 109 574 135 875 102 338 68 067 140 524	95 904 3 402 827 2 378 462 3 333 829 4 365 184 3 536 275 5 325 461 4 198 442 2 484 442 2 188 533	1 - 1 - 2 1	(D) (D) (D)
Hancock Hardin Harison Henry Howard Humboldt Ida Iowa Jackson Jasper	872 819 783 571 618 651 605 670 250 965	120 801 105 352 113 656 49 029 63 110 111 004 69 740 48 725 9 467 102 143	4 940 656 4 775 850 4 448 314 1 825 532 2 485 619 4 940 795 2 642 609 2 119 747 384 426 4 539 434	38 1 - - 1 1 1	123 5 280 (D) (D) (D)	969 874 902 584 876 737 668 620 185	125 373 111 782 119 347 50 970 68 818 110 578 63 284 42 773 8 978 100 784	4 600 447 4 235 612 4 282 323 1 978 114 2 012 431 4 294 878 2 433 834 1 535 573 332 713 3 854 115	2 30 1 - 1 - 1	(D) 4 006 (D) (C) (C)
Jefferson Johnson Jones Keokuk Kossuth Lee Linn Louisa Lucas Lyon	492 705 527 709 1 489 648 946 451 298 939	54 787 54 296 40 219 64 470 233 034 60 580 81 631 50 482 19 978 105 550	2 011 235 2 117 402 1 763 211 2 684 142 10 015 719 1 831 319 3 458 797 1 772 175 715 510 4 264 389	2 1 1 1 2 - 8 8 - 3	(D) (D) (D) (D) 787 210	576 696 508 718 1 605 708 1 030 482 364 1 038	55 406 52 853 37 353 62 613 242 744 60 020 93 015 51 568 23 885 100 781	1 844 494 1 990 388 1 519 228 2 387 841 8 106 277 2 247 209 3 545 750 1 986 702 651 139 3 672 931	- - - - 1 10 - 7	(D) 1 170 287
Madison	583 858 688 744 487 664 630 333 532 556	51 363 79 429 58 702 81 281 80 845 72 951 97 936 19 212 72 597 54 102	2 104 554 3 294 041 2 435 855 3 909 328 2 992 822 3 024 302 3 594 035 705 634 2 646 499 1 986 587	1 1 2 46 -	(D) (D) (D) (D) 7 140	878 887 749 809 505 724 649 381 564 582	55 847 77 354 55 081 88 522 85 552 78 877 99 942 22 490 74 660 52 162	1 772 094 2 945 590 1 878 454 3 434 854 2 894 094 2 658 648 3 612 148 555 787 2 353 467 1 875 763	- - - 4 93 - 12	790 8 187 -
O'Bnen - Osceola - Page - Palo Alto - Plymouth - Pocahontas - Polk - Pottawattamie - Poweshiek - Ringgold -	999 624 785 802 1 287 878 608 1 126 731 439	132 665 91 774 94 261 126 240 137 600 142 055 79 800 159 046 76 368 42 819	5 610 722 3 803 501 3 335 358 5 266 410 5 594 158 5 258 627 3 515 595 6 246 430 3 315 883 1 460 253	- 4 - 7 5 2 - 2	235 438 358 (D) (D)	1 092 708 823 874 1 300 884 694 1 215 811	133 676 93 454 92 283 132 729 122 453 149 488 82 108 157 244 77 013 54 683	4 586 410 3 395 507 2 774 462 4 951 144 4 685 018 5 684 972 3 123 411 5 813 858 2 888 838 1 415 334	1 7 3 5 - - 3	(D) 528 - 92 811 - 185

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982—Con.

	see introductor		1987			1982					
Geogrephic area		Harvested		Irrige	nted		Harvested		Irrigi	sted	
	Ferms	Acres	Quantity	Farms	Acres	Ferms	Acres	Quentity	Farms	Acres	
SOYBEANS FOR BEANS (BUSHELS)—Con.											
Counties - Con.											
Sac	867 603 881 1 339 848 989 560 425 505 470	117 882 38 788 90 028 118 683 117 965 100 938 59 816 32 681 40 843 46 721	4 875 822 1 781 863 3 630 359 5 156 590 5 334 137 4 631 128 1 978 558 1 230 031 1 388 389 1 800 536	3 - 1 16 1 - -	50 - (D) 748 (D) - - -	905 534 944 1 295 926 1 072 661 472 540 533	117 232 35 178 82 038 109 644 125 147 100 989 63 893 33 724 44 727 47 582	4 354 795 1 509 739 3 130 415 4 191 548 4 800 904 3 752 509 1 696 764 940 801 1 410 581 1 571 269	21 1 1 -	(D) - 1 445 (D) - - - -	
Warren Washington Wayne Webster Winnebego Winneshiek Woodbury Worth Wright	640 769 426 1 039 581 411 763 517 777	53 371 66 723 38 334 170 666 82 268 18 580 66 671 72 543 137 106	2 100 582 2 818 021 1 378 703 7 272 852 3 070 264 773 018 3 358 177 2 918 118 5 631 282	7	(D) - - - 1 098	733 756 502 1 111 656 378 811 592 873	57 448 68 946 47 368 172 392 88 800 16 997 98 143 82 707 148 818	1 762 082 2 799 350 1 194 036 6 747 605 3 036 708 531 735 3 601 675 2 849 302 5 681 381	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(D) (D) (D) 3 039	
DRY EDIBLE BEANS, EXCLUDING DRY LIMAS (CWT)											
State Total											
lowa	77	4 310	57 418	5	498	79	5 266	69 146	1	(D)	
Countles											
Benton Black Hewk Bremer Buchenen Carroll Crewford Harrison Jefferson Kossuth Linn O'Brien Osceole All other counties	4 5 4 3 3 4 7 3 3 4 3 3 6 28	269 128 249 65 75 264 574 310 180 70 60 245 1 821	3 804 1 490 3 814 (D) 3 582 11 510 4 830 2 350 (D) 830 3 28	3	(D)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	23333333333333333333333333333333333333	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	
IRISH POTATOES (CWT)										1	
State Total											
lowe	104	1 998	336 981	20	1 158	149	1 767	287 839	22	83 6	
Countles											
Benton Cedar Clayton Greene Johnson Lee Linn Louisa Meheske Marion Muscatine Union All other counties	3 3 4 3 3 6 4 4 4 4 3 10 4 5 5 3	(D) (D) (Z) 8 9 11 7 532 8 (D) 320 (D)	(D) 82 460 785 (D) 310 86 040 (D) 49 445 (D)	- - 1 2 1 4 - - 9	- (D) (D) (D) 532 - 319	(NA) (NA) 3 (NA) 3 4 5 7 (NA) (NA) 12 (NA) (NA)	(NA) (NA) (D) (NA) (Z) (D) 6 524 (NA) 339 (NA) (NA)	(NA) (NA) (D) (NA) 37 227 1 300 93 650 (NA) (NA) 63 231 (NA) (NA)	(NA) (NA) (NA) (NA) 13 6 (NA) 11A) (NA) (NA)	(NA) (NA) - (NA) - (D) 523 (NA) 304 (NA) (NA) (NA) (NA)	

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982

[For meaning of ebbrevietions and symbols,	see introductory	text}									
			1987				1982				
Gaographic area	Harvested Overtity		Irrigated			Hervested			Imigated		
FIELD SEED AND GRASS SEED CROPS	Ferms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farma	Acres	
State Total											
lowa	226	5 358	(X)	-	-	108	2 268	(X)	-	-	
ALFALFA SEED (POUNDS)											
State Total											
lowe	6	290	20 260	-	-	9	188	31 400	-	-	
BROMEGRASS SEED (POUNDS)											
State Total											
lowa	32	750	100 611	-	_	3	100	8 500	-	-	
Countles											
Crawford	5 5 3 10 9	(D) (D) (D) 415 182	3 236 8 520 6 700 53 905 28 250	-	- - - -	(NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA)	
RED CLOVER SEED (POUNDS)											
State Total											
lowa	114	2 141	205 215	-	-	73	1 150	63 902	-	-	
Countles											
AdamsCrawford	3	111 73	10 440 7 972	-	_	(NA) 3	(NA) (D) (D)	(NA) 3 600 6 078	(NA)	(NA) -	
Davis Hanry Jasper	13 5 5 16 8	226 (D) 60	27 556 10 122 7 320		=	(NA)	(NA) 69	(NA) 2 610	(NA)	(NA)	
JeffersonLae		275 100	21 370 8 065	-	_	4 7	25 87	1 500 5 478	-	:	
Van Buren Wayne All other counties	24 4 33	402 80 (D)	53 360 4 800 54 210	- -	=	(NA) (NA)	(D) (NA) (NA)	5 500 (NA) (NA)	(NA) (NA)	(NA) (NA)	
TIMOTHY SEED (POUNDS)											
State Total	İ										
lowa	17	258	42 230	-	-	10	390	47 748	-	-	
Countles											
DavisAll other counties	3 14	17 241	1 480 40 750	=	=	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)	
VETCH SEED (POUNDS)											
State Total											
łowa	12	197	54 411	-	-	8	235	30 191	-	-	
OTHER SEEDS (POUNDS)											
State Total											
lowa	59	1 645	418 288	-	I -	6	177	92 893	-	-	

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982-Con.

	1987 Harvested			Irrigated		Harvested			Implement	
Geographic area	Harvested		Irrigated		Harvested			Irrigeted		
HAY – ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farma	Acres
State Total										
lowa	48 271	1 968 207	5 612 944	45	1 218	58 372	2 035 033	6 201 758	50	1 271
Counties						1				
Adair Adams Allamakee Appanoose Audubon Benton Black Hawk Boone Bremer Buchanan	614 425 841 647 389 694 436 341 541 582	31 464 20 097 61 648 42 156 14 191 22 834 11 407 8 786 19 025 17 151	90 889 50 601 201 858 88 741 39 511 69 242 35 873 22 894 63 101 49 252	2	- - - (D)	778 513 933 641 520 753 493 439 646 646	37 387 22 222 64 141 37 168 19 933 22 576 12 381 8 951 19 768 16 588	119 788 62 298 202 351 85 191 60 351 75 970 40 072 27 298 85 091 47 710	1 - 1	(D)
Buena Vista Butler Calhoun Carroll Cass Cedar Cedar Cerro Gordo Cherokee Chickasaw Clarke	255 551 253 506 491 508 270 427 542 488	6 408 15 805 5 766 15 229 21 367 16 257 7 141 13 799 21 142 29 766	18 989 48 111 14 940 44 485 60 394 46 853 21 514 40 137 65 690 72 801	1 2 1	- - - - (D) (D) (O)	349 684 340 574 613 560 288 516 615	7 108 17 484 7 400 15 643 24 070 14 782 5 898 13 009 20 205 30 296	24 186 55 864 22 680 54 734 72 478 48 145 17 352 44 265 60 875 85 337	- 2 - 1 1 - - 1	(D) (D) (D)
Clay	241 1 272 638 676 374 657 468 955 325 192	8 003 83 341 21 568 23 903 9 641 33 142 32 832 48 626 10 277 7 714	24 283 280 837 66 184 72 404 25 882 65 049 68 292 162 552 25 293 25 840	1 - 1	(D) (D) (D)	374 1 365 859 844 480 703 572 993 312 224	10 165 77 428 19 963 27 523 11 364 35 614 39 380 43 421 8 976 7 137	31 488 256 360 66 594 91 897 37 125 88 323 97 645 144 535 27 017 23 321	1 1	(D) (D) (D)
Dubuque Emmet Fayette Floyd Franklin Fremont Greene Grundy Guthrie Hamilton	1 267 152 870 358 280 246 263 349 467 175	78 518 4 169 44 262 10 394 6 939 7 103 6 434 10 752 18 363 3 209	262 491 12 388 153 556 27 345 20 679 19 829 18 712 39 468 47 514 7 655	1	(D)	1 318 190 1 012 438 355 326 379 368 622 256	67 323 4 256 44 646 10 686 7 987 7 805 7 346 9 219 26 124 3 822	225 753 13 231 150 537 32 816 27 112 21 330 24 019 33 161 79 084 10 485	1 1 2	(D) (D) (D)
Hancock Hardin Harrison Henry Howard Humboldt Ida Iowa Jackson Jasper	269 334 399 379 489 166 339 637 973	8 021 8 244 10 308 11 848 19 656 3 877 11 288 29 335 55 526 27 194	24 100 24 095 33 457 23 015 60 098 10 916 37 312 84 406 168 340 78 317	1 2 2 2 1 2	000 000	371 386 594 411 600 203 422 704 1 005 917	8 528 8 710 14 426 10 985 23 563 3 850 12 702 29 582 50 447 31 734	28 378 27 460 43 944 28 555 76 407 13 878 44 897 90 079 162 197 102 730	- 1 8 1 - - - - 1	(D) 83 (D) - - - (D)
Jefferson Johnson Jones Keokuk Kossuth Lee Linn Louisa Lucas Lyon	435 726 653 503 414 546 861 236 457 580	17 313 27 387 30 056 22 121 10 445 18 627 26 846 7 023 27 877 17 502	32 777 78 049 91 030 54 874 32 328 39 578 73 686 16 495 66 758 56 854		- - - (0) (0) (0) (0)	491 829 714 647 523 548 830 249 545 668	17 231 26 493 27 093 23 152 10 791 16 460 21 809 6 126 28 711 16 135	44 724 79 042 85 269 68 566 35 229 45 185 65 853 16 209 89 494 53 230	1 1 1 3	(D) - - - - (D) 75
Madison Mahaska Marion Marshall Mills Mitchell Monona Monroe Montgomery Muscatine	666 587 598 445 208 377 288 519 368 393	26 569 18 691 21 952 13 025 6 228 13 931 8 834 28 990 13 303 12 153	72 773 55 259 56 969 37 663 16 886 35 040 25 860 71 972 36 280 31 220	1 4 2	(D) 	734 698 749 549 315 434 349 545 426 425	28 233 22 334 28 030 13 745 7 560 12 636 9 459 29 595 14 401 11 696	83 063 77 092 86 594 46 277 22 518 37 075 29 054 74 201 40 060 39 881	1	(D)
O'Brien Osceola Page Palo Alto Plymouth Pocahontas Polk Pottawattamie Poweshiek Ringgold	346 259 549 216 711 198 302 714 616 451	8 570 5 878 19 137 5 134 21 453 4 570 7 553 22 980 28 433 35 333	26 522 16 170 49 756 15 890 71 173 13 757 22 959 66 760 89 007 83 083	1	(D) - - - - - -	415 313 658 281 860 302 407 876 748 570	8 194 6 580 21 815 6 048 21 080 4 914 8 823 23 570 33 379 45 550	27 528 21 142 58 694 21 068 71 208 15 738 27 414 78 235 110 461 119 603	1 2	(D) (D) (D) (D)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982-Con.

	see introductor	,,	1987	1982							
Geographic area	Hervested			Irrigeted	Irrigeted		Hervested			Irrigated	
	Farms	Acrae	Quantity	Farms	Acres	Ferms	Acres	Quantity	Farms	Acres	
HAY-ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)-Con.											
Countles-Con.											
Sac Scott Shelby Sioux Story Tama Taylor Union Van Buren Wapello Warran Washington Wayne Woodbury Worth Wordth Shelb Woodbury Worth Wordth Shelb Sioux Shelb Sacott Shelb Saco	354 424 510 683 283 671 487 457 537 535 791 514 485 244 214 1 220 510 238 150	13 399 11 494 14 859 23 295 6 859 23 868 24 517 25 500 18 928 30 958 17 874 34 854 6 010 76 101 17 814 6 256 3 084	43 069 33 782 42 633 77 068 18 019 73 682 55 475 65 941 47 206 45 976 83 102 41 048 77 469 11 473 19 682 249 750 48 432 16 825 8 788	1.151	(D) 	485 436 648 823 355 771 771 513 580 544 842 576 590 320 238 1 361 653 294 215	14 470 10 360 16 902 21 834 6 452 23 713 30 311 22 807 20 382 29 786 17 058 41 887 5 516 4 812 75 939 19 332 6 796 3 768	50 240 37 484 56 093 72 720 21 057 71 984 74 913 86 629 53 577 54 045 84 024 51 137 96 287 17 637 14 615 244 011 59 672 24 052 13 855	1 1	(D) 	
ALFALFA HAY (TONS, DRY)								15 555			
State Total											
lows	41 883	1 380 550	4 444 000	24	0.11	40.075					
Counties	41 003	1 360 350	4 444 233	31	641	49 275	1 535 085	5 091 238	41	1 056	
Adair	***										
Adama. Allamakee Appanoose Audubon Banton Black Hawk	556 331 810 448 340 634 395	24 447 12 227 48 025 23 179 9 586 17 700 8 790	77 356 34 701 171 587 56 244 29 902 58 580 30 322		- - - - (D)	726 424 887 491 463 684	32 740 16 021 50 137 25 038 15 174 18 345	109 923 49 285 172 656 63 134 48 912 66 636	1 - 1	(D) (D)	
Boone Bramer Buchanen	300 508 527	6 223 13 910 12 308	17 263 51 458 38 447	-	-	416 388 565 569	9 696 7 351 14 039 12 406	33 115 23 795 53 029 39 333	-	- - - -	
Buana Vista Butler	211 504 213 434 446 470 247 353 469 415	3 655 12 275 3 603 10 639 15 714 12 696 5 378 8 306 15 120 22 328	13 396 40 379 11 373 36 462 50 002 38 994 18 028 30 262 53 806 59 073	1 2 1	- - - (D) (D) (D)	290 600 302 508 547 521 247 435 501 499	4 978 13 374 5 696 12 781 19 169 12 168 4 780 9 139 14 683 25 388	18 482 46 209 19 220 47 931 62 485 41 745 15 410 35 415 48 218 76 291	2 1 1 1 1	(D) (D) - - (D)	
Clay Clayton Clinton Crawford Dallas Davis Decatur Delawara Des Moines	198 1 205 573 608 332 395 343 894 286	4 945 62 097 16 515 17 673 7 146 14 133 18 874 35 928 7 463	17 835 235 224 54 748 61 921 20 997 30 242 42 634 132 611 20 884	1	(D)	317 1 281 597 769 427 467 455 909 251	7 341 58 912 15 054 22 905 9 421 18 827 27 019 31 410 6 784	25 608 215 349 54 936 81 097 32 594 49 822 71 547 113 663 22 237	1	(D) - - (D) - -	
Dickinson Dubuque Emmet Fayette Floyd Franklin Franklin Greene Grundy Guthrie	165 1 201 131 813 313 249 208 239 321 392	5 583 55 000 2 564 33 782 7 248 5 153 4 920 4 804 8 811 12 772	22 326 206 583 8 624 128 901 21 188 16 955 15 445 15 340 35 485 36 898	-	(D)	193 1 246 160 909 352 312 273 340 331 558	5 587 49 615 32 251 32 827 7 879 5 812 5 548 6 285 7 559 21 645	20 242 180 440 10 775 122 231 26 875 21 112 17 335 21 527 28 795 69 234	1 2 2	(D) (D) - - -	
Hamilton Harcock Hardin Hardin Harrison Hanny Howard Humboldt Ida Iowa Jeckson Jasper	153 237 290 359 304 395 138 289 594 917 670	2 328 5 152 5 820 8 982 8 424 13 376 2 380 8 080 24 173 42 514 20 691	6 494 17 622 19 137 30 053 17 580 45 285 7 928 30 966 71 723 139 138	1 - 1	(D) (D)	208 338 349 533 317 503 177 371 654 937	2 868 6 357 7 141 11 630 7 662 16 958 2 856 9 691 25 020 39 450	8 693 23 247 23 749 38 168 21 640 59 250 11 281 38 184 80 677 134 225	1 6 1	(D) 83 (D) - -	
Jefferson Johnson Jones Keokuk Kossuth Lee Linn Louisa Lucas Lyon	324 630 609 447 356 412 785 212 342 465	10 184 19 987 22 297 16 293 6 494 10 395 19 989 5 021 16 754 10 238	64 195 21 620 62 001 75 228 45 365 24 445 25 569 60 775 12 965 46 800 40 458	2	(D) 	819 373 710 659 569 470 411 744 208 446 550	25 453 11 478 20 597 21 169 19 481 9 011 10 676 17 189 4 423 20 849 11 176	88 582 32 119 65 570 70 853 59 497 31 259 33 601 55 550 12 809 54 136 41 023	1	(D) - - - - - (D)	

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982-Con.

Obl	1987					1982					
Geographic area	Harvested			Irrigeted		Harvestad		ln		rrigated	
	Farms	Acres	Quentity	Ferms	Acras	Farms	Acras	Quantity	Farms	Acres	
ALFALFA HAY (TONS, DRY)Con.											
countles Con.											
adison	617 518	21 055 13 087	63 416 42 672	1	(D)	678 611	23 018 16 968	72 882 62 087	-		
arshall	518 412	15 811 10 666	45 629 32 926	3	(D)	672 516	22 132 12 298	73 482 42 815	-		
lls	190 333	4 328 9 809	14 049 28 231	-	-	282 379	6 095 9 082	20 037 29 087	-		
onona	245	5 264	19 706	-	-	304	6 837	23 811	1	(I	
ontgomary	434 326 362	19 968 9 986 9 521	54 276 30 072 26 439	- 2	- (D)	481 379 371	23 449 11 179 9 287	62 581 33 831 33 889	-		
3rian	273	5 037	19 450	-	-	331	5 434	21 222	-	,,	
ceola	210 424	3 255 11 425	11 744 35 069	1	(D)	269 547	4 475 14 493	16 320 43 922	2	(
o Alto	176 587	3 139 13 270	12 160 55 083	-	-	238 736	4 210 15 357	16 155 58 084	1 2	(1	
cahontask	167 261	2 583 5 704	9 646 18 302	-	-	261 366	3 519 7 404	12 559 24 155	-		
ttawattamie	637 573	17 163 23 056	55 844 75 023	-	-	805 702	19 020 28 602	68 199 100 298	-		
nggold	347	22 292	58 210	-	-	482	32 742	93 756	-		
cott	309 375	9 081 8 594	35 319 27 227	-	-	430 393	10 909 7 973	40 247 31 439	1 -	(
alby	455 493	10 645 12 050	34 187 49 053	- 4	(D)	592 584	13 072 12 481	47 936 50 139	- 8	19	
ry	253 622	4 602 19 470	14 474 65 076	1	(D)	314 707	5 116 20 047	17 767 64 113	1	(
na	340	14 877	38 585	-	-	449	19 288 21 900	55 100 67 705	<u>-</u>	,	
n Buran	366 406	17 160 13 773	49 964 31 217	-	-	433 421	13 436	34 719	-		
pello	412	12 949	33 099	-	-	446	14 260 24 932	41 891 74 567	-		
rrenshingtons	697 437	23 652 12 577	70 137 32 381	-	(D) -	778 491	12 849	41 143	-		
ynebstar	366 206	20 977 3 080	51 687 9 367	-	-	468 275	28 114 4 007	68 417 14 127	1 -	(
nebago	192 1 168	4 332 58 611	16 256 214 031	-	-	219 1 288	4 085 57 130	12 957 201 708		(
odbury	437 209	10 735 4 608	35 837 13 834	-1	-	567 262	13 992 4 960	48 482 17 500	-	·	
ight	128	2 046	6 951	-	-	192	3 014	11 353	-		
MALL GRAIN HAY (TONS, DRY)											
tate Totel											
wa	7 161	163 591	289 319	9	151	4 978	93 424	177 100	7	(0	
ountles											
dair	110 116	2 638 3 068	4 663 5 589	-	-	50 52	833 976	1 547 1 571	-		
amakae	100 62	1 663 1 428	3 124 2 857	-		114 71	2 226 1 239	(D) 2 095	-		
dubon	56 99	1 676 1 762	3 669 2 966	-	-	31 48	601 (D)	(D) (D)	-		
one	48	958 1 177	1 215 2 312	-	-	47 28	834 406	1 368 590	-		
emer	60 68	1 011	2 181 3 107	-	-	67 60	1 019 1 128	2 085 1 865	-		
ena Viata	40	907	1 429	_	-	27	(D)	(D)	_		
tlar	59 36	1 198 1 028	2 132 1 159	-	-	43 22	961 455	1 826 486	-		
rroil	63 79	1 503 2 266	2 513 4 315	-	-	43 55	723 1 117	(D) 2 181	-		
dar	85	1 837	3 582 905	-	- 1	44	(D) 159	(D) 216	-		
erokaa	31 78	764 1 970	2 844	-	-	48	1 173	2 825	-		
ickasaw	73 106	1 637 2 109	2 950 3 564	-	-	59 59	854 1 373	1 372 2 045	-		
ay	.37	1 228	2 751	-	-	20	545	740	-		
nton	139 85	2 679 1 496	5 610 2 925	-	-	119 70	2 620 1 490	6 362 3 003	-		
awford	123 55	3 523 1 291	6 138 2 113	-	-	62 25	1 312 (D)	3 545 599	-		
ocatur	120 57	1 992 1 093	3 411 2 112	-	-	71 50	1 070 1 106	1 840 1 815	-		
elawarees Moinas	110 59	2 102 1 188	4 107 1 937	-	-	106 50	2 297 596	4 920 1 310	-		
ckinson	28	913	1 555	-	-	15	225	414	-		
buque	154 24	3 154 706	6 827 1 185	-	-	138	2 595 124	5 652 209	- 1	(
yatte	87	1 529 1 121	3 278 1 759	-	-	85 44	1 746 713	3 397 1 185		•	
inklin	52 32	579	1 162	-		21 37	(D)	(D)			
emont	31 34	690 796	1 211 1 259	-	-	22	511 (D)	(D)	-]		
rundyuthria	51 89	902 1 951	1 318 2 985	-	-1	21 38	(D) 684	(D) 1 378	-		
Hamilton	89 24	1 951 342	2 985 416	-	-1	19	158	290			

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of ebbrevietions and symbols, se		-	1987			1982					
Geographic area		Hervested		Irrigated			Harvested		Irrigated	j	
	Farms	Acres	Quentity	Farms	Acras	Farma	Acres	Quantity	Farma	Acras	
SMALL GRAIN HAY (TONS, DRY)—Con.											
Countles—Con.											
Hancock	28 42	807 955	2 083 1 570	- 2	(D)	32 22	433 393	675 453	-	-	
Harrison	63 60	1 465 1 369	2 180 2 152	-		66 46	1 242 745	2 363 (D)	-	:	
Howerd	42 25	1 212 601	2 722 950	-	-	39 11	860 170	2 011 275	-	:	
ldalowe	59 73	1 323 1 612	2 622 3 252	-	-	27 81	(D) 1 282	(D) (D)	-		
Jeckson Jesper	162 105	3 472 2 069	6 816 3 878	-	=	107 56	2 234 (D)	4 125 (D)	-		
Jefferson	62 111	1 320 2 344	1 491 4 008		-	43 64	572 1 147	(D) 1 850	-		
Jones	79 103	1 970 2 707	3 231 4 086		- 1	57 61	1 115	2 272	-		
Kossuth	64 101	1 703 1 868	2 907 2 571	-	-	23 62	(D) 838	(D) (D)	-		
LinnLouisa	119	2 607 1 047	4 218 1 711	1 -	(D)	59	1 185 508	2 297 894	-		
Luces Lyon	70 89	1 201 2 075	1 922 5 562	-	(D)	29 53 78	1 039 1 559	(D) 4 020	- 1	(D	
Madison	117	2 448	3 792	-	-	54	689	888	-		
Mahaska	97 96	1 754 2 091	3 624 3 096	- ī	(D)	49 53	(D) (D)	(D)	-		
Marshell	96 66 35 35 76	1 274 956	2 563 1 307	-	-	31 24	508 562	1 035 926	-		
Mitchell	35 76	729 2 017	1 149 2 863	-	-	22 65	510 1 057	1 422 2 459	-		
Monroe Montgomery	78 67	1 402 1 355	2 731 2 450	-	-	66 42	1 163 720	(D) (D)	-	:	
Muscatine	60 36	1 205 878	1 598 1 805	1	(D)	35 37	(D) 675	(D) 1 357			
Osceola	34 119	874 2 452	1 687 4 123	=1	=	23 83	726 1 345	1 791 2 118	-		
Page	42 134	1 007 4 263	2 010 8 761	=	-	14 92	190 1 947	465 4 703	-		
Pocahontas	35 31	1 296 729	2 643 1 533	=	=	18 20	489 211	775 (D)	-		
Pottawattamie Powashiek	101 85	2 726 2 264	4 424 4 481	-	-	90 51	1 570 1 248	3 163 1 919	=		
Ringgold	95	2 023	3 003	-	-	86	2 346	4 118	-	-	
SacScott	51 62	2 272 1 147	3 551 2 018	1 -	(D) -	29 37	544 554	1 694 1 220	-		
ShelbySioux	85 120	1 793 3 977	3 102 11 058	2	(D)	49 134	(D) 2 606	(D) 5 315	2	(D	
Story	42 71	1 201 1 571	1 705 2 563	-	-	23 40	361 (D)	(D) (D)	-	:	
TaylorUnion	116 124	2 430 2 743	3 980 4 746	-	-	88 54	1 648 1 277	2 493 2 681	1 -	(D	
Van Buren	102 66	1 857 1 260	2 429 2 184	-1	-	73 56	1 228 971	(D) 1 763	-		
Warren	102	2 499	3 758	-	-	63	1 075	1 810	-	•	
Weyne	85 73	1 681 1 767	2 352 2 349	-1	-	47 64	842 1 526	1 557 2 745	-	:	
Webster	24 32	618 753	695 1 200	-	-	19	255 243	432 428 4 460	-		
Winneshiek Woodbury	112 97	2 428 3 304	3 749 4 947	-	-	102	2 180 2 246	4 768 480	- 2	(D)	
Wright	31 22	835 525	1 393 850	-	-	21 11	282 154	287	-	(0	
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)											
State Total											
lowa	6 711	210 942	417 288	8	128	7 369	195 853	439 003	1	(D)	
Counties											
Adair	92 121	2 994 3 819	8 238 8 372	-	-	90 143	2 188 4 219	4 328 8 795	-		
Allamakee Appanoose	38 277	(D) 15 642	(D) 27 195	-	-	47 237	(D) 10 444	4 617 18 825	-	,	
Audubon Benton Benton	52 46	(D) 1 008	(D) 1 918	-	-	62 61	1 979 1 175	4 621 2 874	-	,	
Black Hawk Boone	19 27	447 827	896 (D)	=	=	55 38	740 572	2 338	-	•	
Bremer	34 59	576 (D)	1 298 ((D)	-	-	59 59	842 1 037	1 735 2 223	-	•	
Buena Vista	27	608	971	-	-	33 62	323 774	759 2 159	-		
Butler Calhoun	45 18	805 288	1 923 490	=	-	15 46	195 (D)	645 1 682	-		
Caroli	47 63	1 022 1 692	2 003 (D)	-	-	73 29	1 865 710	3 824 2 289	-		
Cedar	29 20	(D) 542	(D) 1 614	-	=	33 47	515 606	834 1 486	-		
CherokeeChickasaw	45 80	896 1 657	1 615 4 075	-	-	106	2 301	6 440	-		
Clarke	134	4 845 I	9 365 I	-1	- 1	100 l	3 289 l	6 501	-1	•	

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

			1987					1982		
Geographic area		Harvested		Imigete	d		Hervested		Irrigate	d
	Farms	Acras	Quantity	Ferms	Acras	Farms	Acres	Quantity	Farms	Acras
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)—Con.										
Countles—Con.										
Clay Clayton Clinton Crawford Dallas Devis Decatur Decatur Dalawara Des Moines Dickinson	26 81 40 64 48 344 191 61 40 9	(D) 2 718 781 1 558 951 15 851 10 899 1 458 1 009 158	(D) 6 643 1 789 (D) (D) 30 170 20 569 (D) 1 608 228	2	(D) - - - - - -	43 101 38 62 47 319 181 63 52 16	952 2 400 (D) 1 219 809 13 621 8 615 1 332 921 160	1 681 6 660 (D) 2 888 1 939 30 472 20 349 3 760 2 200 283	1	(D)
Dubuqua Emmat Fayatta Floyd Franklin Fremont Graana Grundy Guthria Hamilton	49 16 63 29 18 53 19 14 89	1 529 208 1 448 461 304 1 326 (D) 183 2 613 (D)	3 060 612 3 902 902 588 2 702 (D) 458 6 233 (D)	11	(D)	62 22 97 74 25 65 32 28 95 31	1 436 322 2 042 1 025 609 1 568 354 385 2 783 508	3 593 875 5 494 2 302 2 297 2 797 845 1 073 6 235 837	-	-
Hencock Hardin Harrison Hanry Howard Humboldt Ida Iowa Jackson Jasper	11 22 21 85 94 16 33 54 57 88	139 344 432 1 638 2 149 438 (D) 1 815 1 973 (D)	363 679 891 2 494 5 474 1 181 (D) (D) 4 288 (D)	1	(D) 	17 22 52 83 114 19 41 53 58	(D) 414 969 1 933 2 786 362 605 (D) 1 425 1 975	659 1 060 2 108 4 286 8 213 811 1 239 3 236 3 978 4 615	-	-
Jaffarson	131 104 47 61 26 165 78 23 186	4 264 2 758 1 145 2 382 342 4 156 1 927 (D) 8 564 888	6 810 6 838 2 818 4 301 922 7 495 4 241 (D) 15 852 1 271	1	(D)	138 126 51 77 36 159 76 35 147 69	3 860 2 817 1 201 1 739 441 3 431 1 478 949 5 894 616	8 817 6 749 3 126 3 559 887 7 076 3 847 2 120 11 725 1 223	-	-
Madison Mahaska Marion Marshall Mills Mitchall Monona Monroe Montgomery Muscatine	74 64 98 21 18 34 27 141 58 39	2 198 1 136 2 414 452 328 640 585 6 668 1 734 827	4 155 2 434 4 715 (D) 690 986 1 062 12 747 3 253 1 768	1	- (D) - - - - - -	96 76 91 24 37 47 44 126 69 50	2 207 1 519 1 917 380 564 792 1 123 4 134 1 804	5 039 4 056 3 932 1 032 1 160 1 869 (D) 7 750 3 985 3 061	-	-
O'Brian Oscaola Paga Paga Palo Alto Plymouth Pocahontas Polk Pottawattamia Powashigk Ringgold	47 25 180 10 108 12 47 60 58	371 287 4 802 281 1 544 (D) 734 1 216 1 542 9 780	799 535 9 580 356 3 042 (D) (D) 2 372 5 115 19 238	-	-	57 24 192 17 87 25 54 52 65 160	488 (D) 4 918 562 1 084 251 942 858 1 608 8 320	1 085 (D) 9 699 1 283 2 250 728 2 163 2 251 4 652 17 850	-	
Sac Scott Shalby Sioux Story Tama Taylor Union Van Buren Wapello	34 26 36 79 24 56 186 128 202	788 356 954 1 061 (D) 1 483 6 578 4 714 7 069 4 749	1 366 757 2 056 2 057 (D) 2 932 12 003 9 915 12 521 8 461	-	-	32 26 51 101 29 59 209 129 217 141	913 441 1 065 1 403 381 1 376 7 153 5 257 7 092 3 861	1 501 1 159 2 158 2 943 947 3 058 15 426 12 595 14 900 7 557	-	-
Warran Washington Wayne Webstar Winnebago Winneshiek Woodbury Worth	120 86 207 27 13 52 58 29 8	3 566 2 460 11 182 265 267 1 386 (D) 399 (D)	7 163 (D) 21 708 500 465 3 558 (D) 714 (D)	2	(D) - - - - -	112 82 211 26 11 80 78 33	2 726 2 142 10 494 156 102 2 396 1 166 394 (D)	5 183 5 273 21 826 382 298 7 460 2 481 986 (D)		- - - - - -

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meening of abbreviations end symbols,	see illioddcioly	textj	1987		-	1982					
Geographic eree		Harvested		Imigete	ed		Harvested		Irriget	ed	
	Farms	Acres	Quantity	Ferms	Acres	Farms	Acres	Quantity	Farms	Acres	
WILD HAY (TONS, DRY)											
State Total											
lowe	799	12 511	18 140	2	(D)	956	14 098	27 507	-	-	
Counties											
Adeir	5 8 25 4 20 3 7 8 3	(D) 97 1 376 26 202 (D) 146 177 26 70	145 278 1 277 34 302 (D) 137 253 41 52	-		5 8 12 8 29 4 9 12 7 (NA)	180 40 209 38 371 28 (D) 166 51 (NA)	281 35 499 84 523 78 (D) 252 81 (NA)	- - - - - (NA)	- - - - - - (NA)	
Carro Gordo Cherokee Chickasaw Clarke Clayton Clinton Davia Decatur Deleware	4 24 8 6 15 4 4 9 15	(D) (D) 72 70 (D) 59 50 314 319 41	97 (D) 86 152 (D) 55 61 197 328 (D)		1	9 35 12 4 14 15 (NA) 21 19	99 389 90 (D) 289 428 (NA) 531 862 288	118 664 173 (D) 671 1 048 (NA) 1 276 1 420 1 027	(NA)	(NA)	
Des Moines Dickinson Dubuque Emmet Fayette Floyd Frenklin Grundy Guthrie Hancock	5 14 8 5 3 11 4 3 3	28 170 90 67 (D) 70 26 (D) 33 114	31 261 234 69 (D) 94 47 (D) 38 279			6 14 7 8 18 18 7 3 (NA) 7	80 219 93 148 403 48 (D) (NA) 164 (O)	141 399 359 205 928 67 (D) (NA) 554 148	(NA)	(NA)	
Hardin Harrison Howard Humboldt Jeckson Johnson Jones Kossuth Lee	7 9 5 7 8 9 6 3 23	64 42 37 80 96 375 166 (D) 451 277	101 88 80 123 149 488 268 (D) 668 360	1	(D)	8 10 15 4 8 10 9 (NA) 20	35 (D) 267 32 272 321 105 (NA) (D)	58 198 604 44 880 (D) 177 (NA) (D)	(NA)	(NA)	
Linn	6 9 58 4 6 3 3 5 4 3	308 344 719 (D) 109 39 15 28 39 38	203 282 1 329 44 167 75 (D) 32 34 68		-	10 10 76 10 (NA) 3 4 8 8	74 200 711 171 (NA) (D) 23 (D) 25 (D)	107 (D) 1 428 234 (NA) (D) 34 (C) 25 (D)	(NA)	(NA)	
Monroe	5 7 41 35 6 15 45 5 4	85 82 471 341 (D) 139 511 16 (D) 163	52 187 862 494 (D) 261 884 33 56 240	-	-	(NA) (NA) 40 38 8 18 55 9 4	(NA) (NA) 361 (D) 78 218 780 (D) 32 (D)	(NA) (NA) 549 (D) 116 395 1 417 (D) 104 832	(NA) (NA)	(NA) (NA) - - - - - -	
Sec Scott Shelby Shelby Sioux Tame Teylor Union Van Buren Wapello Warren	5 4 40 4 8 11 5	54 58 (D) 280 212 (D) 169 63 288 88	90 86 (D) 536 348 (D) 240 62 437 73		-	5 4 (NA) 60 (NA) 12 8 3 7	68 (D) (NA) 519 (NA) 285 315 31 85	98 (D) (NA) 1 220 (NA) 496 435 (D) 108 158	(NA) (NA)	(NA) (NA)	
Weshington Wayne Webster Winnebago Winneshiek Woodbury Worth All other counties	6 8 3 8 8 18 30	(D) 161 30 82 46 (D) 175 390	(D) 217 44 108 83 (D) 246 543	-	-	5 7 5 4 18 11 17 (NA)	40 78 52 50 288 100 232 (NA)	82 208 82 60 790 110 248 (NA)	- - - - (NA)	- - - - - (NA)	

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

Geographic area		Hervested		Irrigated	,		Harvested Irrigated			1
Googlapino area	Farms	Acres	Quantity	Farms	Acres	Ferms	Acres	Quantity	Farms	Acres
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
lowa	4 7 5 5	200 613	1 331 943	3	(D)	5 243	196 575	1 400 719	6	t17
Countles										
Adeir	29 18 212 15 28 54 38 10 91 63	(D) 888 10 269 531 1 596 2 364 1 186 (D) 3 328 2 159	7 465 4 985 68 961 3 506 11 289 17 389 10 218 5 781 23 583 18 039	-		27 17 215 8 40 60 38 16 101 73	1 466 966 9 959 238 2 101 1 978 1 053 483 3 497 1 990	11 072 7 834 62 390 1 914 17 593 14 247 9 462 3 752 23 150 12 632	-	
Buene Viste Butler Butler Caroll Cass Ceder Cerro Gordo Cherokee Chickasaw Clarke	29 47 19 58 34 29 10 61 78	1 092 1 350 821 1 995 (D) 1 047 (D) (C) 2 656 414	9 188 10 270 5 637 10 363 8 905 7 188 2 615 (D) 14 302 1 943	-	-	42 64 28 60 40 45 13 64 54	1 423 2 207 1 003 1 588 1 919 1 166 345 1 722 2 277 (D)	12 157 16 259 6 714 11 925 11 974 8 282 2 324 11 625 14 018 (D)	1	(C
Clay Clayton Clinton Crawford Dellas Davis Decatur Deleware Des Moines Dickinson	19 337 73 24 8 21 12 237 18 16	1 155 15 788 2 728 (D) (D) 852 1 647 9 097 589 892	7 384 99 343 19 995 4 872 2 147 3 093 7 948 66 091 2 496 4 403	-	-	27 323 83 53 17 29 20 247 19	1 058 13 068 2 693 2 039 847 1 565 1 778 8 094 595 946	8 388 80 859 19 971 12 283 5 771 8 740 7 547 63 495 3 392 5 947	-	
Dubuque Emmet Feyette Floyd Franklin Fremont Greene Grundy Guthne Hamilton	392 14 193 33 26 6 8 19	18 745 824 (D) 1 483 977 (D) 444 (D) 894 406	137 373 5 690 (D) 10 193 5 780 (D) 4 330 (D) 4 687 1 397	-	-	374 17 211 34 41 7 15 23 20 11	13 584 411 7 628 1 021 1 225 (D) 385; 976 848 253	107 113 3 503 55 453 7 161 9 405 942 3 262 7 989 5 051 1 871	1	(C
Hancock Hardin Hamson Henry Howard Howard Hde Howard Hde Jackson Jasper	44 18 12 11 67 13 30 32 175	1 809 961 277 (D) 2 882 378 1 384 (D) 7 471 2 590	11 258 7 818 1 338 (D) 19 615 2 206 8 715 12 240 53 862 18 701	- - - - - - 1 1	(D)	40 21 13 17 81 14 47 49 172 69	1 388 727 (D) (D) 2 692 430 1 617 1 978 7 066 3 021	10 954 6 421 3 320 3 566 18 995 3 803 10 719 13 066 56 962 23 280	-	
Jefferson	26 75 108 15 37 55 57 10 18	1 170 2 122 (D) (D) 1 455 1 931 1 814 481 1 014 3 781	7 105 14 786 (D) (D) 10 170 10 775 12 747 2 109 5 703 24 700	-	-	28 74 104 20 32 52 60 7 14 94	1 000 1 827 3 608 (D) 833 1 484 1 873 (D) 729 2 073	6 987 14 092 27 060 6 005 5 931 8 531 12 160 (D) 4 100 16 612	1	(0
Medison Meheske Marion Marshall Mills Mitchell Monona Monroe Montgomery Muscatine	19 85 38 19 11 58 18 24 8	(D) 2 605 1 597 818 588 2 714 930 887 228 518	4 100 18 079 10 365 3 747 2 450 13 826 6 484 6 501 1 517 3 688	-	-	29 77 58 20 7 58 11 18 15 28	2 138 3 127 3 049 536 (D) 2 227 (D) (D) (D) 870	12 030 28 438 22 348 4 083 (D) 14 018 2 556 6 066 3 249 5 730	-	
O'Brien Osceola Pege Palo Alto Plymouth Pocahontas Potla Pottawettamie Poweshiek Ringgold	50 29 11 18 50 12 9 38 36	1 813 1 141 (D) 568 1 865 568 (D) 1 859 (D) 1 075	10 826 5 132 (D) 3 312 10 204 4 204 12 256 13 001 7 185	-		54 28 25 23 65 22 8 55 36	1 236 702 980 867 1 912 589 206 (D) 1 889	9 944 4 958 8 510 8 303 14 268 4 710 1 608 (D) 10 461 9 144		-

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, s												
			1987			·····		1982				
Geographic area		Harvested		Imigat	ted		Harvested		Irrigate	d		
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)—Con.	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity :	Farms	Acrea		
Counties—Con. Sac	33 29 32 151 16 36 36 9 16 20 18 24 34 11 15 15 16 330 33 33 6	1 204 1 339 (D) 5 927 741 1 132 (D) 754 738 682 1 154 (D) 767 363 576 13 630 2 416 239 367	8 227 11 079 (D) 43 084 3 877 8 285 (D) 3 228 2 927 5 379 5 915 5 169 4 525 2 609 4 992 85 009 16 185 1 915 2 392	1	(O)	41 41 45 159 15 50 14 227 20 22 23 28 28 21 15 331 15 30 11	2 035 (D) 1 764 4 825 (D) 1 655 989 1 562 1 020 1 205 939 1 185 1 677 1 046 332 13 945 1 828 928 485	20 111 (D) 12 400 39 302 5 551 12 149 4 192 9 643 5 257 8 176 6 917 8 252 8 266 7 837 2 618 88 762 11 491 14 514 5 936	1	(D) (D) 		
State Total	7 934	205 176	3 251 394	7	110	17 412	536 645	8 290 817	28	2 364		
Countles			i									
Adair Adams Allamakee Appanoose Audubon Benton Black Hawk Boone Bremer Buchanan Buena Vista Butler Calhoun Carroll Cass Cedar Cerro Gordo Cherokee Chickasaw Clarke Clay Cleyton Cimton Crawford Delles Davis Decatur	31 26 271 40 42 84 77 300 152 166 55 84 40 40 46 40 114 169 32 49 32 49 33 33 82 83 88 88 88 88 88 88 88 88 88 88 88 88	1 161 1 006 4 537 825 1 060 3 087 1 383 1 535 2 366 2 062 1 504 1 805 1 705 3 467 1 264 2 016 1 197 2 836 3 806 7 67 2 576 3 267 4 502 1 970 1 620 1 331 1 535	17 550 13 709 69 400 13 734 16 645 57 934 24 393 33 569 38 990 35 591 25 466 26 524 25 005 50 939 20 277 30 614 18 619 41 821 54 944 9 031 46 557 35 786 36 336 6 336 6 3		- - (D) - - - - - - - - - - - - - - - - - - -	110 79 475 56 147 202 175 82 286 268 157 201 100 278 146 147 107 301 289 63 157 508 285 159 89 90 90 90	3 222 3 832 10 674 1 154 7 068 8 122 4 245 2 909 4 965 4 973 6 295 4 4575 18 170 5 466 3 696 2 974 11 213 8 678 2 113 7 132 9 738 8 513 8 659 3 332 2 309 3 332 2 309 3 672	43 401 51 547 162 065 11 634 98 669 102 078 87 755 48 755 81 161 88 229 105 595 85 979 63 666 292 351 81 452 65 564 50 341 172 382 115 850 18 609 115 421 145 654 148 864 148 864 148 94 397 52 240 28 481 40 105		(D)		
Delaware Des Moines Dickinson Dubuque Emmat Fayetta Floyd Franklin Framkin Framont Greene Grundy Guthrie Hamilton Hencock Hardin Harrison Henry Howard Humboldt Ida Jowa Jackson Jasper Johnson Jones Keokuk Kosuth	286 600 368 205 255 177 42 15 177 28 12 67 46 48 41 162 40 39 76 57 157 157 43 194	5 110 1 603 2 113 6 884 929 4 854 1 574 1 181 413 1 109 1 364 934 946 1 310 1 168 1 525 3 238 2 202 2 018 4 378 1 941 1 423 2 702 4 167 939 2 802	80 840 29 552 32 259 99 984 15 335 81 8841 29 977 23 335 6 350 19 867 28 161 17 204 17 209 24 192 16 456 18 150 28 369 49 211 43 395 14 755 30 584 37 067 15 265 37 067 15 265 39 665 56 481 16 749 59 069	111 + 111111111111111111111111111111111	(D)	524 80 127 598 87 492 159 144 39 87 89 110 43 31 174 125 140 72 307 70 166 149 294 184 82 181 284 69 221	10 658 2 279 6 422 12 434 3 189 12 749 4 534 1 436 3 284 2 994 2 087 4 926 5 183 4 078 1 771 7 020 3 360 6 594 3 836 6 262 5 671 1 843 4 078 6 944 1 876 6 944 1 876 6 944 1 876 6 966	173 581 41 725 98 244 194 971 50 081 196 233 68 133 112 151 21 306 75 808 63 690 49 606 35 062 89 520 84 961 58 988 31 461 100 450 64 883 86 198 66 990 103 792 92 388 29 223 67 006 117 135 32 163 110 761	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(D) (D) (D) (D) (D) (D) (D) (D) (D) (D)		
Lee Linn Louisa Lucas Lyon	113 126 33 28 184	2 483 2 814 656 785 5 684	33 845 48 959 7 329 9 682 79 413	1 2	(D) - - (D)	117 225 50 58 477	2 550 5 459 1 253 1 826 13 956	46 345 88 800 24 145 20 834 182 893	- 1 - 3	(D) - 85		

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982-Con.

Geographic area		Harvested		Imigeted			Harvested		irrigated	
Geographic area			Quantity		Acros			Ouantiby		
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Can.	Farms	Acres	Quentity	Farms	Acres	Farms	Acres	Ouantity	Farms	Acres
Countles - Con.										
Madison	32	1 182 2 178	14 559 29 372	-	-	95 169	3 625 4 296	42 160 75 005	-	
Mahaska	84 37	1 039	15 062	-	-	107	2 706	41 215	-	-
Aarshall	38	1 467 388	26 764 8 465	-	-	111 55	2 924 2 982	52 094 39 873	1	(0
Aitcheil	168	4 915 2 084	68 515 31 127	-	-	286 139	8 317 7 287	130 570 108 981	2	(I
Monroe	38 19	1 051	14 055 14 247	-	-	107 102	3 048 4 097	33 725 65 813	-	\-
lontgomery	67	1 847	25 777		-	115	3 234	56 928	-	
'Brien	67	2 155	40 008	-	-	256	9 506	141 974	1	(0
aga	49 38	1 573 1 086	24 093 16 124	-	-	148 100	5 017 2 996	85 136 42 325	-	
slo Altolymouth	38 118	1 024 2 886	16 011 41 879	-	-	121 401	4 312 12 818	67 990 171 286	1 -	(1
ocahontasolk	36 18	1 831 498	47 768 6 477		-	102 46	3 317 1 603	55 182 21 402	-	
ottawattamie	85	2 859	47 725	-	-	273	10 240	160 630	2	(1
oweshiakinggoldi	62 46	1 394 990	23 086 13 037	-	-	113 90	2 865 3 165	47 125 39 617	-	
ac	54	2 928	39 347	-	-	194	10 899	184 142	-	
cott	70 50	1 969 2 044	31 431 28 816	-	-	133 197	4 050 7 505	70 737 120 902	-	
tory	283 35	10 802 1 235	145 896 22 164	2	(D)	717 93	29 273 2 986	427 622 54 193	9	34
ama	61	1 346	26 189	-	-1	157	3 948	61 966	- [
sylor	16 22	390 603	4 300 6 844	-	-	63 72	1 941 2 454	24 399 30 471	-	
Yapello	22 83 33	1 667 869	20 150 12 466		-	106 47	2 231 1 205	27 280 19 729		
Varren	50	1 309	22 129	_	_	102	5 584	58 817	_	
Vashington	78 21	1 618 470	25 914 5 980	-	-	119 73	2 939 2 682	52 029 27 501	-	
Vayna	30	773	12 501	-	-	65	2 080	31 346	-	
Vinnebago	46 424	1 128 8 486	14 700 139 809	-	-	76 748	1 929 18 219	33 719 275 071	-	
Voodbury	70 65	2 798 1 372	42 136 23 135	-	-	260 100	9 238 2 200	133 500 35 263		
Vright	18	761	16 792	-	-	51	2 221	41 125	-	
SORGHUM CUT FOR DRY FORAGE OR HAY (TONS, DRY)										
State Total										
owa	11	218	719	-	-	8	172	622	-	
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
owa	354	7 340	102 074	-	-	259	4 388	53 849	-	
Countles								İ		
Adair	4	(D) 197	(D) 3 460	-	-	3 3	(D) (D)	(D)	- 1	
Illamakee	11	103	1 381	-	-	4	19	(D)	(0.00)	/A1
ppanoose	4	36 56	(D) 594	-	-	(NA) 4	(NA) (D)	(NA) 660	(NA)	(N
Buchanan	3 3	45 79	(D) (D)	-	-	6 7	37 133	365 2 012	-	
Cass	3	(D) 73	(D) 1 310	-	-	6	126 (NA)	2 195 (NA)	(NA)	(N
CedarCerro Gordo	3	30	246	-	-	(NA) 5	(D)	1 080	(1/2)	(14)
Charokaa	6	210	2 460	-	-	5	(D)	367	-	
Chickasaw	12	332 66	4 520 720	-	-	4 3	44 8	715 60	-	
Clayton	8 3	109	986 756	-	-	8 (NA)	47 (NA)	256 (NA)	(NA)	(N
Crawford	4	80	630	-	-	3	38	210 815	, <u>-</u>	•
DelawareDes Moines	14	238 198	3 762 2 363	-	-	(NA)	(NA)	(NA)	(NA)	(N
Dickinson	3 14	48 177	(D) 1 794	-	-	(NA)	(NA) (D)	(NA) (D)	(NA)	(N)
Emmet	3	(D)	(D)	_	_	(NA)	(NA)	(NA)	(NA)	(N
ayette	5	57 56	990 768	-	-	(NA)	14 (NA)	(D) (NA)	(NA)	(N)
Floyd	3	125	2 220	-	-	(NA)	(NA)	(NA)	(NA)	(N/ (N/
		52	854	- 1	- 1	(NA)	(NA)	(NA)	(NA)	
Hardin	5	55	1 103	-	-	(NA)	(NA)	(NA)	(NA)	(N/
Hardin	5 4 3	55 31 139		-	-		(NA) 22 (D)	(NA) 430 1 751	(NA) - -	(N)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Sliage: 1987 and 1982—Con.

			1987					1982		
Geographic erea	H	larvested		Irrigate	d		Harvested		Irriga	ted
	Farms	Acrea	Quantity	Farma	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.										
Counties—Con.										
Jefferson	37 4 4 4 5 7 9 9 9 9	61 223 88 87 139 178 221 173 156 34	1 060 2 366 630 1 415 1 594 2 390 4 051 3 432 3 202 638		-	(NA) 4 (NA) (NA) (NA) (NA) 3	(XA) (D) (XA) (XA) (XA) (XA) (XA) (XA) (XA) (XA	(NA) 475 (NA) 700 (NA) (NA) 792 659 (D) 560	(NA) (NA) (NA) (NA)	(AN) (AN) (AN) (AN)
Monona	6 3 5 8 4 4 6 19 3 3	174 27 136 155 59 80 242 581 15	1 784 315 2 348 1 930 1 090 584 5 755 9 111 225 341		-	5 4 (NA) 7 (NA) (NA) (NA) 12 (NA) (NA)	68 28 (NA) 47 (NA) (NA) (NA) (D) (NA) (NA)	640 310 (NA) 491 (NA) (NA) (NA) 2 300 (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA)	(AN) (AN) (AN) (AN) (AN)
Wapello	5 9 10 4 45	88 212 79 85 791	915 2 395 828 890 9 117	-	-	(NA) 4 3 8 (NA)	(NA) (D) (D) 122 (NA)	(NA) 761 870 1 225 (NA)	(NA) - - (NA)	AN)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982

		1987				1982		
Geographic area	Harvested		Imgated		Harvested		Irrigated	
	Farma	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)								
State Total		4.4						
lowa	596	8 694	100	1 819	429	8 326	54	850
Countles	1							
Allamakee Audubon Benton Black Hawk Boone Bremer Buchanan Buena Vista Butler Carroll Cedar Cerro Gordo Cherokae Chickasaw Cliayton Clinton Crawford Dallas Davis Decatur	5 3 14 20 4 8 14 5 9 3 5 11 3 3 4 5 3 18 4 5 3 18 4 5 3 18 4 5 3 18 5 3 3 1 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	34 4 74 118 (D) 54 470 11 877 16 35 310 6 13 7 30 2 2 57 10	1 2 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	(D) (D) (D) (D) (D) (D)	(NA) (NA) 7 20 7 13) 8 (N A) 9 (N A) 9 (N A) (N	(NA) (NA) 14 101 364 33 186 (NA) 592 (NA) 386 (NA) 10 (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (D) (NA) (NA) (NA) (NA) (NA)
Delaware	3 4 4 8 13 3 9 4 5	(D) (D) 11 120 (D) (D) (D) 23	1 - 2 - 1 - 1 - 1 - 1	(D) (O) (O) (O)	(NA) 8 12 3 3 11 (NA) 4	(NA) 46 30 50 (D) (D) 2 023 (NA) 5 267	(NA) 1 - - - - (NA)	(NA) (D) - - - - (NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982-Con.

ADDUSED FOR VECETABLES (SEE TEXT)	Geographic area	Hervested		Irrigated		Harvested		Irrigated	
AND USED TON VOCETABLES (SEE TEXT) —Co.	Geographic size		Acres		Acres		Acres		Acres
VECETALES (SEE TEXT) ——Coh. Southern Con. Southern Con. Southern Coh. Souther	AND HOED FOR								7,0.0.
Section Sect	VEGETABLES (SEE TEXT)							,	
Section	Counties—Con.								
Section 1	Hamson		60	-	-			-	
Section 1	Henry		(8)		(0)	(NA)			(NA
		4	23	- 1	(0)	(°°2′)		((4.2)	(147
Section		12	89	-	-	(NA)		(NA)	/NIA
Second		20	154	5	12	10	40	("2	()
100			207		(D)			-	(
CAS					45				2
Second	ouisa	11	273	7	252				20
Selboon			26	- [-1			(NA)	(NA
Serior 10 23 1 10 5 100 10 10 10 10		4	34		-			(NA)	(NA
			53		(0,	8		· -	,,,
			23		(6)			(NA)	(NA
Macellene 33 1 070 19 777 29 766 17 4			22	اة	-	8			
Secola			1 070		717			17	41
Secola		1		1				1	(N)
1	sceola	4	7		-	(NA)	(NA)	(NA)	(N)
1		3	(D) 10		(0)				
Coll	ólk	16	289	-	. .	18	585	, <u>.</u>	(* **
are		20		8	32			4	5
min min	tory	11	54	4	5	9	27	1	.(Č
an Buron		7 3	25 7	2	(D)				(NA (NA
	_		l l	_	_ [
Infrinchago 6	Vapello	6	29		(D)	3	12		•
Immediago		10			(D)				([
Infrinchago 6		10		-	-		55		(0
Voodbury					(D)			-	
	Voodbury		31		(D)		24	1	(C
/EGET ELT) State Total Downs			(D)		-	(NA)	(NA)		(NA
State Total Owa	VEGETABLES HARVESTED								
Name Name	(SEE TEXT) State Total								
Namakee	owa	596	8 863	100	1 633	429	8 363	54	87
Audubon 3	Counties								
Audubon 3	Allamakaa	5	34	_	_	(NA)	(NA)	(NA)	/ΝΔ
Size Hawk 20	Audubon	3	4	-1	-	(NA)	(NA)	(NA)	(NA
Duchanan	Benton		72			7			
uchanan 14 (D) 2 (D) 13 186 - uena Vista 5 111 1 (D) (NA)	oone	4	(D)	-	- 1		364	-	
utler 9 677 - - 8 592 - arroll 3 155 - - (NA) (NA) (NA) (NA) seder 5 35 - - (NA) (NA) (NA) (NA) seror Godo 11 312 3 (D) 9 388 1 (NA) seror Godo 3 16 - - (NA)			56 (D)		(<u>D</u>)				
Sarroll	Buena Vista	5	11		(ö)	(NA)	(NA)	(NA)	(NA
Cedar								(NA)	(NA
Serro Gordo				_ {	_				,
Thickasaw 3	Cerro Gordo	11	312	3	(D)	9	`386	1	` (C
Clayton		3	6		<u> </u>	(NA)		(NA)	(NA
Drawford		4	7				(NA)		(NA
Davis	Clinton	5	30	-	-				(NA
Davis			57	- 6	32	(NA)		(INA)	(IV)
Pelaware	avis		9	- 1	-		19	(3)45	/NIA
Dickinson			4.00	·	(0)	, ,	, ,		
Dickinson	Delaware		(8)		(D)	(NA)		(NA)	(NA (D
ayette 13 120 2 (D) 3 (D) - loyd 3 (D) - - 3 (D) - remont 8 (D) 1 (D) 11 2 023 - remont 4 (D) - - (NA) (NA) (NA) greene 5 23 1 (D) 4 5 - lardin 9 191 - - 7 267 - darrison 6 60 - - - 6 30 - denry 3 (D) - - (NA) (NA) (NA) (NA) denry 3 (D) 1 (D) (NA) (NA) (NA) (NA) dery 3 (D) 1 (D) (NA) (NA) (NA) (NA) defery 3 (D) 1 (D) (Dickinson	4	11	-	\ <u>-</u>		30	-	,-
Toylor	avette		120		(D)				
ireene 5 23 1 (D) 4 5 -	loyd	3	(<u>D</u>)	-	-	3	(D)	-	
árcene 5 23 1 (D) 4 5 -	remont		(3)	1	-			(NA)	(NA
Harrison 6 60 - - 6 30 - Henry 3 (D) - - (NA) (NA) (NA) (NA) Jackson 4 23 - - 5 (D) - Jasper 12 69 - - 8 14 - Jeifferson 5 (D) - - (NA) (NA) (NA) Johnson 20 154 5 12 10 39 2 (I Cossulh 10 208 2 (D) 12 793 - Jee 7 150 4 106 11 183 2 (I	Greene	5	23		(D)	4	5	7 2	4. "
Henry					-			-	
owa 3 (D) 1 (D) (NA) (NA) (NA) lackson 4 23 - - 5 (D) - lasper 12 69 - - 8 14 - lefferson 5 (D) - - (NA) (NA) (NA) (NA) lohnson 20 154 5 12 10 39 2 (I cossuth 10 208 2 (D) 12 793 - ee 7 150 4 106 11 183 2 (I	Harrison				- 1			(NA)	(NA
Jackson 4 23 - - 5 (D) - Jasper 12 69 - - 8 14 - Jefferson 5 (D) - - (NA) (NA) (NA) (NA) Johnson 20 154 5 12 10 39 2 (I Cossuth 10 208 2 (D) 12 793 - Lee 7 150 4 106 11 183 2 (I	owa	3	(D)	1	(D)		(NA)		(NA
efferson	Jackson		23		-	5]		-1	
Johnson 20 154 5 12 10 39 2 (1 Cossuth 10 208 2 (D) 12 793 - .ee 7 150 4 106 11 183 2 (I	lefferson	5	(D)	-	-	(NA)	(NA)		(NA
_ee 7 150 4 106 11 183 2 《[Johnson	20	154	5					(D
Linn 28 439 4 45 25 237 4 2	Lee	7	150	4	106	11 [183	ž	(D

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982-Con.

		1987			1982					
Geographic area	Harvested		Irrigated		Harve	sted	lmig	ated		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
VEGETABLES HARVESTED (SEE TEXT)—Con.										
Countles—Con.										
LouisaLucas	11	273 26	7	252	13 (NA)	298 (NA)	8 (NA)	228 (NA)		
yon	9	41 34	=	-	(NA) (NA)	(NA) (NA)	2	(D)		
Mahaska	5 10	53 23	=	-	8	32	(NA)	(NA)		
Marion	8	23	1	(D) (D)	5 (NA)	18 (NA)	(NA)	(D) (NA)		
Aills	7 9	21 (D)	2	(D)	6 6	17 172				
Auscatine	33	1 080	19	727	29	723	17	411		
D'Bnen	3 4	3 7	1 -	(D)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)		
alo Alto	3 5	(D) 10	2 -	(D)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)		
olk	16 17	289 80	- 5	21	18 9	585 35	-			
cott	20 11	140 55	8 4	32 5	16 9	100 26	4	59 (D)		
amalnion	7 3	25	ž	(D)	(NA)	(NA)	(NA)	(NA		
an Buran	8	20	-	-	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)		
/apello/arren	6	30	<u> </u>	(D) (D)	3 9	13 65	1	(D)		
/ashington/ebstar	10 10	318 40	3	13	5 5 5	10	2	(D) (D)		
Vinnebago	6	127	1	(D)	4	55 211	1 -	(0)		
VinneshiekVoodbury	5 9	9 30	- 1	(D)	3 5	4 24	1	(D)		
/orth	38	(D) 217	3	11	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)		
SPARAGUS			Ì							
tate Total										
owa	39	68	6	10	15	126	2	(D)		
REEN LIMA BEANS										
State Total										
owa	5	14	-	-	3	(Z)	2	(D)		
SNAP BEANS										
State Total										
Dwa	80	104	13	10	51	34	6	6		
							:			
BEETS State Total										
DW4	23	6	5	3	14	3	4	1		
200001							,			
BROCCOLI State Total			Ì							
owa	41	41	11	20	11	7	2	(D)		
Countles							-	,υ,		
Johnson	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)		
(ossuth	6 32	12 28	2 2 7	(D) (D) 16	(NA) (NA) (NA)	(NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)		
HEAD CABBAGE										
State Total										
lowa	57	305	13	63	46	185	6	54		
Countles										
Black HawkBuchanan	3 3	3 (D) (D) 60	2	(D)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA) (NA) (D) (NA)		
Kossuth	3 9 39	(D)	- 2	(D) 44	(NA)	(NA) 33	(NA)	(NA)		

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

[For meaning of abbreviations end symbols, see	initioductory text]	1987				198	32	
Geographic erea	Hervested		Irrigeted	1	Harvee	ated	Irrig	eted
	Farms	Acres	Farms	Acrea	Farme	Acras	Farms	Acres
CANTALOUPS								
State Total								
lowa	101	560	29	316	82	415	26	174
Countles								
Benton	3 4 3 3 9 8 18 4 3	(D) (D) (D) 15 43 31 50 228 (D) 22 104	1 3 - 2 1 5 11 1	(D) (D) (D) (D) (D) 146 (D) 56	(NA) (NA) (NA) 3 (NA) 5 7 16 (NA) 3 (NA)	(NA) (NA) (NA) (D) (NA) 12 28 149 (NA) (D) (NA)	(NA) (NA) (NA) (NA) (NA) 26 11 (NA) 1 (NA)	(NA) (NA) (NA) (NA) (D) 26 101 (NA) (D) (NA)
CARROTS								
State Total								
lowa	15	306	3	2	9	295	1	(D)
CAULIFLOWER								
State Total								
lowe	31	27	6	6	10	6	1	(D)
COLLARDS								
State Total								
lowa	4	1	1	(D)	(NA)	(NA)	(NA)	(NA)
CUCUMBERS AND PICKLES								
State Total								
lowe	62	69	15	24	40	29	8	6
Countles								
Bleck Hawk Buchanan Lee Lunn Muscatine Pottawattamie Scott All other counties	5 3 3 8 4 5 3	2 (D) 2 19 5 3 (D)	- 1 3 1 4 1 - 5	(D) 2 (O) 5 (D)	5 (NA) (NA) 6 (NA) (NA) (NA) (NA)	1 (NA) (NA) 7 (NA) (NA) (NA) (NA)	(NA) (NA) 1 (NA) (NA) (NA) (NA)	(NA) (NA) (D) (NA) (NA) (NA) (NA)
EGGPLANT								
State Total								
lowa	19	11	5	(D)	12	8	3	1
HONEYDEW MELONS								
State Total								
lowa	4	2	-	-	(NA)	(NA)	(NA)	(NA)
KALE		į		į				
State Total								
lowa	4	4	1	(D)	(NA)	(NA)	(NA)	(NA)
LETTUCE AND ROMAINE								
State Total								
lowa	10	3	3	(D)	4	1	1	(D)
DRY ONIONS								
State Total	20	109	7	28	28	183	5	52
lowaI	28	108 l	/ 1	28 1	28 1	103 1	51	32

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, se	ee introductory text	198	7		1982					
Geographic area	Harva		Irrige	ated	Harve			ated		
Gaographic area	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
GREEN ONIONS	7 2									
State Total										
lowa	11	3	-	-	6	3	-	_		
OKRA										
State Total										
lowa	11	4	2	(D)	(NA)	(NA)	(NA)	(NA)		
PARSLEY										
State Total										
lowa	4	2	-	-	(NA)	(NA)	(NA)	(NA)		
GREEN PEAS, EXCLUDING GREEN COWPEAS										
State Total										
lowa	30	236	9	5	16	253	2	(D)		
Countles										
Johnson Linn Mitchell All other counties	3 3 5 19	1 (D) 184 (D)	2 1 2 4	(D) (D) (D) 4	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA)		
HOT PEPPERS										
State Total		i								
lowa	10	6	1	(D)	6	8	2	(D)		
SWEET PEPPERS										
State Total										
lowa	70	109	23	67	40	75	4	5		
Countles										
Black Hawk	3 5 3 8 4 3 4 3 3 3 3 4	3 7 1 (D) 1 3 1 1 (D)	- 2 2 3 3 1 - 1 1 10	(D) (D) (D) (D) (D) (D) (D) 44	(NA) (NA) 6 6 (NA) 3 (NA) 4 (NA)	(NA) (NA) (NA) 15 42 (NA) (D) (NA) 2 (NA)	(NA) (NA) 1 3 (NA) (NA) (NA)	(NA) (NA) (NA) (D) (NA) (NA) (NA)		
PUMPKINS										
State Total		1					1			
lowa	122	337	11	31	64	128	6	11		
Countles							414	(ALA)		
Black Hawk Buchanan Hardin Jasper Lee Linn Marion Mills Muscatine Polk Scott Washington Wabster All other counties	5 3 3 5 4 10 4 3 6 5 5 3 4 4 4 4 4 4 6 3	15 (D) (D) 10 15 44 1 4 29 23 6 15 5 5	- - 2 1 1 - - 1 1 2	-	(NA) (NA) 3 3 (NA) 6 5 (NA) (NA) (NA)	(NA) (NA) (NA) (NA) 8 8 (NA) 14 24 (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) 1 1 1 (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)		
RADISHES										
State Total										
lowa	14	3	1	(D)	8	2	1	(D)		

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982-Con.

		1987				19		· · · · · · · · · · · · · · · · · · ·
Geographic area	Harvested		Irriga		Harve			ated
SPINACH	Ferms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
State Total								
lowa	7	1	1	(D)	5	1	-	-
SQUASH								
State Total								
lowa	91	158	16	28	64	97	8	19
Countles		:						
Allamekee Black Hawk Dallas Hardin Johnson Linn Muscatine Washington All other counties	3 4 4 3 3 9 4 3 5 8	11 2 3 (D) 1 22 17 4 (D)	2 4 1 9	- - - (D) 17 (D) 7	(NA) (NA) (NA) (NA) 57 (NA) (NA)	(NA) (D) (NA) (NA) (NA) 15 19 (NA)	(X A) - (X A)	(NA) (NA) (NA) (NA) 13 (NA) (NA)
SWEET CORN								
State Total								
lowa	418	4 716	42	296	298	5 619	17	83
Countles								
Allamakee Audubon Benton Black Hawk Bremer Buchanan Buena Vista Butler Carroll Cedar	5 3 13 15 8 10 5 9	17 4 31 87 26 (D) 7 676 (D) (D)	1 - 1	(D) - (D)	(NA) (NA) 6 17 12 (NA) 8 (NA) (NA) (NA)	(NA) (NA) 7 81 6 6 125 (NA) 592 (NA) (NA)	(NA) (NA) (NA) (NA) (NA)	(AN) (AN) - - - - (AN) (AN)
Cerro Gordo Chickasaw Clayton Dallas Davis Decatur Dickinson Dubuque Fayette Franklin	7 3 4 9 4 3 4 4 11	21 12 7 9 7 8 11 6 42 (D)	2	(D) - - (D) (D)	6 3 (NA) 3 7 (NA) 9 (NA) 11	29 9 (NA) (D) (D) 20 (NA) 2 023	(NA) (NA) (NA)	(NA) (NA) (NA)
Fremont Greene Hardin Harrison Henry	4 5 9 3 3 3	7 9 182 9 (D) (D)	-	- - - -	(NA) (NA) 5 5 (NA)	(NA) (NA) 266 10 (NA)	(NA) (NA) - - (NA)	(AN) (AN) - - (AN)
Jackson Jasper Jefferson Johnson Kossuth	3 11 4 11 4	40 16 26 (D)	1	(D) (D)	5 (NA) 4 10	11 (NA) (D) 668	(NA)	(NA)
Lee Linn Louisa Madison Mahaska Marion Marshall Mills Muscatine	7 21 3 3 4 8 7 6	57 177 (D) 24 11 8 15 13 237	4 3 1 - - - - 11	32 (D) (D) - - - 194	8 20 (NA) 7 5 (NA) (NA) 12	72 108 9 (NA) 8 (NA) (NA)	3 2 (NA) 1 (NA) (NA) (NA)	(D) (D) (NA) (NA) (NA) (NA) 70
Osceola Plymouth Polk Polk Scott Story Tama Van Buren Wapello Warren Washington	5 11 13 11 10 4 6 5 7	5 157 41 53 38 2 12 26 37	3 1 1 2 - 1 1 1 1	5 (D) (D) (D) (D) (D)	(NA) 16 6 6 5 (NA) (NA)	(NA) 536 25 18 12 2 (NA) (NA) 13 37	(NA) (NA) - 1 (NA) (NA)	(NA) (NA) (D) (NA) (NA)
Washington Webster Winnebago Winneshiek Woodbury All other counties	6 7 5 4 4 55	18 22 117 9 15 268	1 5	(D) - - - - 13	5 (NA) (NA) (NA)	6 37 (NA) (NA) 14 (NA)	2 1 (NA) (NA) 1 (NA)	(D) (DA) (NA) (NA) (D) (NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982-Con.

		19	87			19	982	
Geographic area	Herve	ested	Irrig	eted	Harv	ested	lmiq	gated
	Ferms	Acres	Farms	Acres	Ferms	Acres	Farms	Acres
TOMATOES								
State Total								
owe	222	1 018	53	382	128	473	21	245
Countles								
Allamakee Benton Bleck Hewk Buchanen Buene Viste Dellas Decatur Delaware Fayette Greene Harrison	3 4 8 3 4 5 3 3 3 3 4	1 (D) 4 1 2 7 (D) 1 (D)	1 1 1 1 4 1 -	(D) (D) (D) (D) (D) (D)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) 2 (NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	AA) AA) AA) AA) AA) AA) AA) AA)
Jasper Johnson Lee Linn Louisa Mehaske Marion Marshell Mills	3 5 6 16 7 5 8 3 4 18	1 (D) 5 26 155 12 4 (D) 2	1 3 3 5 - - 1 1	(D) 4 (D) 153 - (D)	(NA) 4 (NA) 9 8 (NA) 3 (NA) (NA)	(NA) 2 (NA) 25 190 (NA) 4 (NA) (NA)	(NA) 1 (NA) 2 5 (NA) (NA) (NA) 7	(NA (D (NA (D 156 (NA (NA
Polk Pottawattamia Scott Story Tama Van Buren Warren Warsington All other counties	7 10 9 4 3 3 6 3 59	6 10 36 3 (D) 1 3 (D) 111	- 23 3 1 - 1 1 8	(D) (D) (D) (D) (D) (D) 77	5 3 5 (NA) (NA) 8 4 (NA)	7 (D) 4 (D) (NA) (NA) 6 1 (NA)	(NA) (NA)	(D (NA (NA
TURNIPS								
State Total								
lowa	9	43	~	-	9	9	3	(Z
TURNIP GREENS								
State Total								
lows	4	6	-	-	(NA)	(NA)	(NA)	(NA
MIXED VEGETABLES								
State Total								
owa	21	57	2	(D)	8	13	2	(D
WATERMELONS								
State Total								
lowa	93	517	30	312	64	345	22	178
Countles								
Benton Harrison Lee Linn Louisa Muscatine Polk Pottawattamie Story Warren Woodbury All other counties	35 55 67 19 35 33 31	(D) 19 42 17 61 215 (D) 7 1 2 (D) 124	- 2 1 5 14 - 1 1 1 5	(D) (D) (D) (D) (D) (D) (D) 39	(NA) 3 5 (NA) 9 20 (NA) (NA) (NA) (NA) (NA)	(NA) 9 45 (NA) 67 141 (NA) (NA) (NA) (NA) (NA) (NA)	(NA) - 1 (NA) 6 144 (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (D) (NA) (D) 99 (NA) (NA) (NA) (NA) (NA) (NA)
OTHER VEGETABLES								
State Total								
lowa	14	14	3	4	7	29	1	(D)

Table 28. Fruits and Nuts: 1987 and 1982

Considering of appreviations and		Total		Trees or vines n	ot of bearing age	Trees or vines	of bearing age	Her	vested
Geographic area	Ferms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
LAND IN ORCHARDS									
State Total									
lowa1987 1982	508 465	2 740 2 538	(X) (X)	(X) (X)	(X) (X)	(X)	(X) (X)	(X) (X)	(X)
Countles, 1987									
Allamakee Appanoose Benton Black Hawk Boone Buchanan Carroll Cass Cedar Cerro Gordo Chickesaw Clay	66 8 10 33 33 3 3 8 4 3 4 5 5	8 15 78 18 4 (D) 12 (D) 21 9 (D)	××××××××××××××××××××××××××××××××××××××	888 88888888888888888888888888888888888	XX XX XX XX XX XX XX XX XX XX XX XX XX	888888888888888888888888888888888888888	XX XX XX XX XX XX XX XX XX XX XX XX XX	88 88 88 88 88 88 88 88	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Clayton Clinton Crawford Delles Davis Decatur Delaware Des Moines	10 3 16 5 9 5	39 40 12 63 5 64 17	888888888888888888888888888888888888888	888888888888888888888888888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X)	88888888888888888888888888888888888888	
Dickinson Dubuque Emmet Fremont Guthrie Herdin Harrison Henry Lowa Jackson	4 16 3 4 6 8 7 3 7	3 50 5 (D) 32 54 223 10 (D) 42	888888888	888888888888888888888888888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X)	\$	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X)
Jasper Jefferson Johnson Jones Keokuk Kossuth Lee Linn Louisa Lucas	15 7 38 5 3 4 8 20 5	69 12 149 10 (D) 5 46 70 62 9	88888888	8888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	XX XX XX XX XX XX XX XX XX XX XX XX XX	XX XX XX XX XX XX XX XX XX XX XX XX XX	88888888888888888888888888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X)
Madison Mahaska Marion Marshall Mills Monroe Muscatine Palo Alto Plymouth Polk	13 4 8 4 6 3 10 3 5	143 6 96 8 (D) 29 29 17 10	888888888	888888888888888888888888888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X)
Pottawattamie Poweshiek Scott Shelby Story Tama Van Buren Wapello Warren Washington Washington Winneshiek Woodbury All other countles	11 3 13 4 11 8 5 9 10 17 7 9	95 (D) 36 (D) 47 56 22 12 (D) 31 23 23 183	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	888888888888888888888888888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	888888888888888888888888888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)
APPLES									
State Total				_					
lowa1987 1982	458 439	2 488 2 308	240 640 203 513	294 304	93 047 66 425	393 364	147 593 137 088	292 255	11 270 927 13 202 503
Countles, 1987									
Allamakee Appanoose Benton Black Hawk Boone Buchanan Cass Cedder Cerro Gordo Chickasaw	4 6 8 8 3 3 3 8 4 4	7 13 75 14 2 (D) (D) 19 (D)	(D) (D) 1 073 (D) 218 (D) 1 997 198 (D)	2 2 4 4 6 2 2 3 3 5 5 2 3	(D) (D) (D) 674 (D) (D) (D) (D) (D)	4 6 8 7 1 3 1 7	225 (D) 1 198 399 (D) (D) (D) (D) (D)	2566 - 117732	(D) (D) (D) 27 310 (D) (D) 5 100 (D)

Table 28. Fruits and Nuts: 1987 and 1982-Con.

[For meaning of ebbreviations	and symbols, see i					*	-46		
Geographic area		Total .			ot of bearing age		of bearing age		vested
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
APPLES—Con.									
Countles, 1987— Con.									
Cley	4 5 9 3 15 5 9	11 (D) 35 10 57 3 64 12	(D) 3 209 6 589 1 195 3 478 210 3 515 (D)	2 4 5 3 12 3 3 4	(D) (D) (D) (D) (D) (D) 385	3 4 7 1 11 4 8	9999999	3 7 7 2 6 4	52 534 107 808 (D) (D) 272 400 (D) 50 124
Des Moines Dickinson	7 4	12 3	911 154	6	145 (D)	7	766 (D)	6 2	50 124 (D)
Dubuque Emmet Fremont Guthrie Hardin Harrison Henry Jeckson Jesper	11 3 3 4 6 8 5 3 7	46 5 (D) (D) (D) (D) (C) (Z) (Z) 41 50	3 862 296 (D) 1 050 6 506 18 194 83 28 3 516 4 022	4 2 3 1 5 7 3 2 4 10	(D) (D) (D) 1 773 4 647 34 (D) (D) 863	11 3 3 4 5 7 5 1 5	(D) (D) (D) 4 733 13 547 49 (D) 3 159	9334472159	94 348 (D) (D) 52 900 138 350 799 200 (D) (D) 224 250 (D)
Jefferson	7 35 4 3 4 7 18 5 4 13	10 123 9 (D) 3 39 65 62 3 137	1 056 11 289 (D) (D) 35 1 395 6 310 10 630 261	2 19 1 1 2 4 5 11 5 5 3	(D) 4 692 (D) (D) 21 246 1 919 4 657 (D)	7 32 4 4 6 17 5 5 12	(D) 6 597 (D) 14 1 149 4 391 5 973 (D)	5 29 4 3 3 6 16 4 -	2 560 543 940 (D) (D) 1 240 (D) 798 094 483 000 332 450
Marion Mills Monroe Muscatine Palo Alto Plymouth Polk Pottawattamie Powashiek Scott	6 5 3 8 3 5 10 11 3 9	(D) (D) (D) 24 17 (D) 69 92 5 19	7 574 284 (D) 1 600 1 565 628 (D) (D) 114 804	4 4 3 6 - 2 3 3 1 4	3 664 (D) (D) (D) (D) (D) (D) (123	6 5 2 8 3 4 10 10 3 8	3 910 (D) (D) 1 565 (D) (D) (D) (B)	4 5 2 6 3 3 4 9 3 6	(D) 9 540 (Q) 43 519 10 200 6 540 (D) (D) 5 250 (D)
Shelby Story Tama Van Buren Wapello Warren Washington Winneshiek Woodbury All other counties	4 10 7 5 8 10 15 6 9	(D) 42 50 19 9 (D) 23 22 21 181	(D) 5 298 (D) (D) 761 (D) 2 042 1 680 979 12 686	3 4 6 5 8 6 12 4 4 9	(D) (D) 762 (D) 725 (D) 492 240 786 6 828	4 9 5 5 3 3 9 14 6 7 29	(D) (D) (D) 276 36 (D) 1 550 1 440 193 5 857	2 4 5 3 3 6 8 2 5 15	(D) (D) (D) (D) (D) (D) 41 445 (D) (D) 1 304 815
APRICOTS									
State Total									
lowa1987 1982	30 39	11 7	560 282	22 32	154 119	18 26	406 163	8	2 189 327
CHERRIES, TOTAL (SEE TEXT)									
State Total									
lowa1987 1982	77 98	29 35	1 882 1 422	49 64	1 090 413	63 69	792 1 009	41 41	18 728 19 970
GRAPES (SEE TEXT) (FRESH WEIGHT)	,								
State Total									
lowa1987 1982	169 100	67 41	26 637 15 747	113 78	6 398 6 782	154 79	20 239 8 965	87 43	81 967 10 247

Table 28. Fruits and Nuts: 1987 and 1982-Con.

Geographic area		Totel		Trees or vines n	ot of beering ege	Trees or vines	of bearing ege	Harv	ested
Goographic area	Farms	Acres	Trees or vines	Ferms	Number	Farms	Number	Ferms	Pounds
GRAPES (SEE TEXT) (FRESH WEIGHT) Con.									
Countles, 1987									
Allamakee Appanoose Clinton Dalles Delaware Dubuque Henry Jasper Jasper Jafferson	3 3 3 3 3 9 4 4 3 5	(D) (D) (Z) (D) 3 1 (Z) 4	46 (D) (D) 61 (D) 1 632 (D) (D) 1 165 168	31333224	75 (D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(3232394354	46 (D) (D) (D) (D) (D) 1 030 0	2 - 3 9 9 2 1 1 3 4	(D (D 7 866 (D (D (D 566 702
Johnson Kossuth Linn Madison Mills Muscatine Polk Scott Story Tama	19 3 5 4 4 4 5 5 4 5	5 1 2 (Z) (Z) 3 1 9 (Z)	1 877 69 (D) 77 36 1 125 572 6 245 106 585	10 3 3 1 2 4 5 5 3	205 17 (D) (D) (D) 125 80 (D) 133 42	19 3 3 4 4 5 4 4 5	1 672 52 (D) (D) 1 000 492 (D) 93 93	13 22 - 23 23 21 12	5 27: (D) (D) (D) (D) (D) (D) (D)
Van Buren	3 6 6 3 53	1 1 2 (D) 22	(D) 268 548 (D) 8 639	3 4 4 3 37	(D) 33 62 22 1 634	3 6 6 1 46	(D) 235 486 (D) 7 005	1 4 4 1 22	(D 73: 37: (D 4 58:
PEACHES									
State Total									
lowa1987 1982	114 120	41 49	2 609 3 613	76 101	631 2 238	86 63	1 978 1 375	48 9	39 38((D
PEARS									
State Total									
lowa1987 1982	70 97	19 38	870 1 517	45 69	242 718	51 54	628 799	33 32	22 04 ⁻ 11 090
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
lowa1987 1982	50 75	15 19	760 906	35 53	273 356	36 49	487 550	20 23	2 669 7 329
OTHER FRUITS AND NUTS (SEE TEXT)									
State Total									
lowa1987 1982	38 17	40 14	3 247 998	25 11	1 839 879	31 12	1 408 119	16 5	17 820 (D

Table 29. Berries Harvested for Sale: 1987 and 1982

[For meaning of abbreviations and symbols,	Sae introductory	/ text]	1987					1982		
Geographic area		Harvested		Irriga	ated		Harvested		Irng	ated
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BERRIES										
State Total										
lowa	222	467	(X)	70	214	161	251	(X)	25	83
BLACKBERRIES (POUNDS)			:							
State Total						1				
lowa	8	8	5 417	-	-	3	(D)	350	-	-
RASPBERRIES (POUNDS)										
State Total										
lowa	73	60	106 923	21	20	44	22	23 855	3	(D)
STRAWBERRIES (POUNDS)										
State Total										
lowa	188	394	999 553	63	190	135	228	747 755	23	(D)
Countles										
Black Hawk Buchanan Cerro Gordo Chickasaw Clayton Dallas Davis Davis Delaware Hardin Henry	7 6 3 5 5 4 3 3 3 3	(D) 3 (D) (O) (O) (O) (O) (O) (O)	(D) 14 135 (D) 4 780 7 000 40 900 5 800 (D) 18 292 6 500	2 1 1 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(NA) 5 (NA) (NA) (NA) (NA) 4 (NA) (NA) (NA)	(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)	(NA) 385 (NA) (NA) (NA) (NA) (D) (NA) (NA) (NA)	(NA) 1 (NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	(NA) (D) (NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA
Jackson Jasper Johnson Lea Linn Madison Muscatine Pottawattamia Scott Story Van Buren Warren Winneshiek All other countias	3 6 15 5 6 4 4 3 10 3 4 3 5 75	(D) 11 15 5 9 (D) (D) 3 34 (D) (D) (D)	(D) (D) 61 220 11 500 (D) 4 100 (D) (D) 81 757 (D) 8 100 (D) 2 140 453 852	27	(O)(O)(O)(O)(O)(O)(O)(O)(O)(O)(O)(O)(O)((NA) 37977 (NA) 3 (NA) 6 (NA) (NA) (NA) (NA)	(X,0) 7 (D) 6 8 (X,0) (X,0) (X,0) 1 (X,0) (X,0) (X,0) br>(X,0) (X,0)	(NA) (D) 15 083 58 754 5 441 (NA) (D) (NA) 127 556 (NA) 5 500 (NA) (NA) (NA)	(NA) (NA) (NA) (NA) (NA) (NA) (NA)	(20) - (20) (20) (20) (20) (20) (20) (20) (20)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982

[1 or meaning of approvious and symbols, or		1987	'			198	32	
Geographic area	Farms	Sq. ft. under gless or other protection	Acres in the open	Sates (\$1,000)	Ferms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)								
State Total								
lowa	357	4 518 800	5 007	38 241	333	2 985 061	5 459	34 954
Countles								
Allamakee Black Hawk Boone Buchanan Buena Vista Cerro Gordo Chickasaw Clarka Claytan Clinton	4 11 6 3 3 3 3 4 7 3	(D) 302 600 207 966 (D) (D) (D) (D) (D) (D) (D)	917 ° 9999999999999999999999999999999999	(D) 2 089 (D) (D) (D) (D) 7 (D) 61 (D) 819 (D)	(NA) 10 6 (NA) (NA) 4 (NA) (NA) (NA) 9	(NA) 135 860 (D) (NA) (NA) (D) (NA) (NA) (D) (NA) (D)	3 403303303 00 003303303 00	(NA) 1 536 1 021 (NA) (NA) (D) (NA) (D) (NA) (D) (NA)
Des Moines Dickinson Dubuque Fayetle Floyd Guthrie Hamilton Hardin Harrison	8 3 5 4 3 4	(D) (D) (D) (D) (D) (D) (D)	000000000000000000000000000000000000000	184 334 (D) (D) (D) 345 (D)	5 8 (NA) 3 4 (NA) 4 (NA)	(D) (D) (XA) (D) (XA) (D) (XA)	(D) (NA) (NA) (NA) (NA)	202 177 (NA) (D) (D) (NA) (D) (NA)
Jasper	5 11 26 3 26 3 3 3 9 8	(D) 36 722 (D) (D) 137 566 (D) (D) (D) (D)	(D) 4 (D) (D) 5 (D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	44 190 20 363 1 418 (D) 14 (D) 1 723 1 249	4 65 3 22 4 (NA) 57 8	(D) (D) 96 200 179 621 (D) (NA) (D) (D)	000 ' 9000 000 ' 9000 0000	94 72 (D) (D) 1 438 2 (NA) (D) 1 541 935
Mills Mitchell Muscatine Osceola Page Plymouth Polk Pottawattamia Scott Shelby	4 3 8 3 4 3 23 13 4	(D) (37 000 (D) (D) (D) 284 856 436 906 (D) (D)	(D) (D) 75 (D) 506 43 (D) (D)	18 (D) 268 (D) (D) (D) 2 552 1 775 1 582 (D)	4 5 4 (NA) 4 4 (NA) 24 17 16 (NA)	(D) (NA) (NA) (D) (NA) 133 080 191 460 83 150 (NA)	(D) 144 (D) (NA) (D) (NA) (D) 92 738 (NA)	26 37 (D) (NA) (D) (NA) 1 294 918 1 146 (NA)
Story Tama Van Buren Wapello Warren Webster Winnebago Woodbury All other counties	10 4 4 7 6 3 63	(D) (D) (D) (D) (D) (D) (D) 128 000 1 144 104	(D) (D) (D) (D) (D) (D) 5 155	(D) 8 (D) 146 188 211 (D) 554 6 238	10 3 4 5	\$30000£	0.33 0.003 0.003	575 (NA) 100 202 (D) 44 342 (NA)
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)								
State Total								, n
lowa	49	(X)	2 463	(X)	37	(X)	2 232	(X)
BEDDING PLANTS	;							
State Total								
lowa	174	2 191 065	63	10 241	147	1 548 394	34	6 616
Countles								
Bleck Hewk Boone Clayton Clinton Dickinson Dubuque Hardin Jasper Johnson Jones	7 4 4 3 4 4 4 3 5 3	114 300 86 552 (D) 22 500 (D) (D) (D) (D) (D) (D)	(99) (99)	656 (D) (D) 115 (D) 92 (D) (D) (D)	4 3 (NA) (NA) 4 4 (NA) (NA)	53 180 2 864 (NA) (NA) (D) (D) (NA) (NA)	(D) (NA) (NA) (D) (NA) (NA) (NA)	(D) 241 (D) (NA) (NA) (D) (D) (NA) (NA) (NA)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.

[For maening of abbraviations and symbols,	see introductory text	:)	- .,.						
		198	7			19	82		
Gaographic area	Farms	Sq. ft. under glass or othar protaction	Acres in the open	Seles (\$1,000)	Ferms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	
BEDDING PLANTS-Con.									
Countles-Con.									
Linn	10 6 3 3 7 7 6 3 6 6 3 79	61 212 98 920 (D) (D) 136 344 289 410 44 530 (D) 23 952 99 000 844 643	(D) (D) (D) (D) (D) (D) (D) (D)	140 590 (D) (D) 840 1 093 (D) (D) 134 460 3 903	8 4 (NA) (NA) 9 6 (NA) 3 3 (NA)	(D) (D) (NA) (NA) 68 980 129 960 72 850 (NA) (D) (D) (NA)	(D) (NA) (NA) (D) (D) (D) (NA)	382 (D) (NA) (NA) (D) 591 228 (NA) (D) (D) (NA)	
CUT FLOWERS AND CUT FLORIST GREENS									
State Total									
lowa	36	278 726	23	1 352	32	254 872	18	939	
FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL				į					
State Total									
lowa	86	1 611 471	6	9 649	70	1 008 016	(D)	7 867	
Counties									
Black Hawk Boone Linn Marion Marshall Polk Pottawattamie Webster All other counties	5 3 8 3 6 5 3 50	177 400 (D) 61 744 145 100 (D) (D) (D) (D) 779 337	(D) (D) - - - - - 3	991 (D) 401 (D) (D) 630 (D) (D) 4 346	(NA) 3 4 4 4 5 (NA) (NA) (NA)	(NA) (D) 59 781 (D) (D) (D) (NA) (NA)	(XA) - (D)(D)(XA) (XA)(XA) (XA)	(NA) (D) (D) (D) 488 (NA) (NA) (NA)	
FOLIAGE PLANTS									
State Total						}			
lowa	34	232 247	(D)	2 310	(NA)	(NA)	(NA)	(NA)	
POTTED FLOWERING PLANTS									
State Total			}						
lowa	67	1 379 224	(D)	7 338	(NA)	(NA)	(NA)	(NA)	
NURSERY CROPS									
State Total									
lowa	123	308 350	3 159	13 599	139	73 847	4 036	17 978	
Counties									
Bleck Hawk Dallas Floyd Guthrie Johnson Linn Marion Muscatine Polk Pottawattamie Scott Sheiby Story Van Buren Woodbury All other counties	3 3 3 5 7 4 5 12 3 4 3 6 3 3 5 5 6 3 3 5 6 6 7 6 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8	(D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D) (D) (D) 124 8 8 5 2 055	(D) 67 (D) 78 (D) 165 130 332 (D) 341 (D) (D) (D) 14 8 507	5 3 (NA) (NA) 4 8 (NA) 3 13 7 9 (NA) 4 (NA) (NA) (NA)	(D) (NA) (NA) (NA) (NA) (NA) (D) (D) (DA) (NA) (NA) (NA)	(D) 18 (NA) (NA) (D) 149 (NA) (D) 65 61 106 (NA) 27 (NA) (NA) (NA)	(D) 40 (NA) (NA) (D) 240 (NA) (D) 134 183 286 (NA) (D) (NA) (NA)	
SOD HARVESTED									
State Total									
lowa	34	(X)	1 753	2 498	41	(X)	1 311	1 342	

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.

(For meaning of abbreviations and symbols, see introductory taxt)

		198	7		1982					
Geographic araa	Farms	Sq. ft. under glass or other protection	Acras in the open	Salas (\$1,000)	Farms	Sq. ft. undar glass or other protection	Acras in the open	Salas (\$1,000)		
VEGETABLE AND FLOWER SEEDS										
State Total										
lowa	5	2 846	(D)	6	4	(D)	-	(D)		
GREENHOUSE VEGETABLES						!				
State Total										
lowa	19	82 292	(X)	251	6	53 607	(X)	97		

Table 31. Other Crops: 1987 and 1982

[For maaning of abbraviations and symbols, see introductory taxt]

			1987					1982		
Geographic area		Harvested		Irriga	ated		Harvasted		Irrigated	
	Farms	Acres	Quantity	Farms	Acras	Farms	Acras	Quantity	Farms	Acras
CORN CUT FOR DRY FODDER, HOGGED OR GRAZED										
State Total										
lowa	8	142	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
OTHER										
State Total										
lowa	21	127	(X)	-	-	5	108	(X)	-	_

Table 32. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982

(For classification of social and athnic groups, saa text. For meaning of abbreviations and symbols, saa introductory text)

					Markat valua			Farms by va	lua of sales			
Geographic area	Land in	tarms	Harvasted	cropland	of agricultural products sold (\$1,000)	Oce	cupation farmin	ng	Occupati	Occupation other than farming		
	Farms	Acres	Farms	Acras		Lass than \$2,500	\$2,500 to \$9,999	\$10,000 or mora	Lass than \$2,500	\$2,500 to \$9,999	\$10,000 o more	
STATE TOTAL												
owa1987 1982	124 158	28 195 37 955	112 144	17 716 28 136	5 673 10 253	4 2	6 11	66 90	23 17	8 20	17 18	
COUNTIES, 1987									Ì			
Adams Audubon Banton Buchanan Buchan B	3334433355	396 122 347 1 769 950 602 1 697 206 1 058 1 207	3 3 4 4 3 2 2 5 4	251 - 293 1 599 700 328 (D) (D) 574 540	57 29 62 361 225 115 170 15 172 409	- - - - - - 1 1	-	1 1 1 3 2 2 3 1 1 1	2 2 2 - 1			
cochontas cicott ama aylor vinnashiek ul other counties	4 3 5 5 3 4 64	1 360 53 722 1 364 2 191 844 13 307	4 3 4 5 3 4 59	1 194 45 425 817 792 624 8 538	379 10 91 176 245 160 2 999	- - - - - - 2	- 2 - 1 - 3	2 1 5 2 4 34	- 1 - - - 13	2 - - - 4		

Table 33. Farms Operated by Black and Other Races by Tenure: 1987 and 1982

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

	Full owners				Part owners		Tenants			
Geogrephic aree	Number	Land in farms	Harvasted cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	
STATE TOTAL										
lowa1987 1982	64 74	7 799 9 899	4 185 6 316	25 54	10 127 21 666	8 250 16 604	35 30	10 269 6 390	7 281 5 216	
COUNTIES, 1987										
Buana Vista	5 2 4 53	1 058 (D) (D) 6 312	574 (D) (D) 3 514	1 - 3 1 20	(D) (D) (D) 8 007	(D) (D) (D) 4 992	3 - - 32	(D) - - 9 939	(D) - - - 6 971	

Table 34. Operators by Selected Racial Groups: 1987 and 1982

Farms Land in farms	Farms	Land in farms
State Total lowe	35	
lowe1987 47 13 574 1982 93 25 450	35	
1982 93 25 450	35	
	69	13 107 23 367
Countles, 1987		
Adams 3 396 Buchanan 3 (D) Lee 3 206 Pocahontas 4 1 360 Scott 3 53 All other counties 31 (D)	1 3 1 4 - 26	(D) (D) (D) 1 360 10 388
AMERICAN INDIAN		
State Total		
lowa	23 29	5 966 8 806
Countles, 1987		
Buena Vista 3 (D) Sioux 3 (D) All other counties 38 6 095	1 3 19	(D) (D) 5 018
ASIAN OR PACIFIC ISLANDER		
State Total		
lowa	9	2 266 (D)
Countles, 1987		
Linn 3 (D) All other counties 12 1 826	1 8	(D) 1 736
OTHER RACES (SEE TEXT)		
State Total		
lowa	16 7	4 999 (D)

¹Data for 1982 exclude abnormel farms.

Table 35. Operators of Spanish Origin: 1987 and 1982

[For classification of Spanish origin, sae taxt. For meaning of abbreviations and symbols, see introductory text]

	All f	srma		Farma with salas of \$10,000 or more1		
Geographic area	Ferms	Land in farms	Farms	Land in farms		
STATE TOTAL						
lowa19871982	105 138	33 851 42 289	82 108	31 873 40 824		
COUNTIES, 1987						
Buena Vista Cherokae Chickasaw Harrison Johnson Marion Monroe Montgomary Pocahontas Pottawattamia Sioux All other counties	4 3 3 4 3 3 3 3 3 7 65	1 659 (D) 243 1 337 1 061 (D) 5 748 182 480 1 752 597 18 855	4 3 2 2 3 4 1 1 1 3 2 6 5 5	1 659 (D) (D) (D) 1 061 (D) (D) 480 (D) (D) 17 478		

¹Data for 1982 axclude abnormal farms.

Table 36. Farms With Grazing Permits: 1987

	Land in	farms			Farms by la	nd in farms			Source of permits			
Gaographic area	Farms	Acrea	Lass than 100 acres	100 to 259 acras	260 to 498 acres	500 to 999 acras	1,000 to 1,999 acres	2,000 acres or more	Forast sarvice	Taylor grazing	Indian land	Othe
iowa	225	74 792	72	68	55	20	7	3	19	22	13	18
illamakea	4	811	1	2	1	_	_	-	-	-	-	
loona	3	1 018	11	- 1	1 1	1	_		1	1	1 !	
uchanan	7	383	5	2	_	_	_	-1	3	2	-1	
hickasaw	Ś	1 270	Ĭ.		_	1	_		<u> </u>		_	
Clayton	12	3 034	3	71	9	و و	_		او	3	• •	
crawford	14	2 158	* 1	7	° l	2	_	1		9	<u>'</u>	
Nawioru	71	684	' !	71	-1	3	_		- 1	- 1	- 1	
avis	4			21			-	-	-	- 1	71	
elawara	6	1 496	! !	2]	2	1	-	-	-			
)ubuque{	10	3 115	וי	4 1	3	2	-	-	-	1	1	
ayette	8	3 009	4	1 !	1	-	2	-	1	-	-	
remont	3	3 898	,	_	- 1	_	1	1 1	1	-	-	
larrison	3	181	2	1 1		-	_	-	-	-	- 1	
lenry	5	1 524	اوَ		1	2	_		-	_	- !	
owa	šl	453	7	4	انا		_		_ !	2	_	
ackson	š	1 637	انما	3	اء	_	_		_ []		_	
	6	911	7.1		31	-	_			2		
asper			31				-	I - I	' !	۱ -	'	
afferson	5	1 548	11	3	- 1	1	-	-	- }	-	-	
ohnson	6	443	4	1	1]	-	-	-	-	-	-	
Ceokuk	3	910	2	-	- 1	1	-	-	-	-	-	
yon	3	660	-	2	1	-	-	-	-	-	-	;
fitchall	3	319	1	2	_	_	_	_	_ !	-	-	
aga	ăl	399	1 1	- ī l	1	-	_	- 1	-	-	-	
Plymouth	ě	948	اف	أفا	- i i	_	_	_	2	-	-	
cott	7 1	142	5	- i			_	_1		_	_	
ama	7 1	826	3	- 1		_	_	1 1		2	4	
laina	3	1 502	١	'	, , ,		_	-1	•			
nion	3		-	٦ .	2	1	_	-	-	-		
an Buren	4 1	1 248	-	2	2	-	-	-	-			
/apallo	4	1 320	- 1	- i	• •	-	-	-	<u> </u>	2	2	
/arran	5	560	3	1	1	-	-	-	2	1	וו	
/ashington	5	1 478	- 1	2	3	-	-	-	-	-	-	
Vinnashiak	9	1 782	1	8	2	-	-		-	-	1	
Il other counties	83	35 331	21	12	19	5		2	5	6	3	į.

APPENDIX A. General Explanation

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DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census. administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms.

The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix D contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988.

Telephone calls were made to all large farms who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had a response rate of less than 75 percent. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Census Estimation section of appendix C.

DATA PROCESSING

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on non-sample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

MAJOR DATA CHANGES

Prior to each agriculture census, the Census Bureau reviews the content of the census forms to eliminate questions no longer needed and to identify new items necessary to meet user needs and to better describe the agricultural situation in our Nation. Data requests are solicited from farmers, farm organizations, land grant colleges and universities, State and federal agencies, and members of the Census Advisory Committee on Agricultural Statistics. Each agency and organization is asked to identify and justify its specific data needs. The following data inquiries were added to the 1987 report form:

Income from farm-related sources

Acres under the Conservation Reserve Program

Payments received for participation in federal farm programs

Grazing permits by source

Additional data on production expenses were added in 1987:

Repair and maintenance expenses

Cash rent

Property taxes paid

All other production expenses

The following separate data inquiries were eliminated from the 1987 form:

Storage capacity for petroleum products

Number of hired farm and ranch workers

Value of agricultural products sold directly to individuals

for human consumption

Source of irrigation water

Tons of commercially mixed feed

Expenditures for coal, wood, and coke

Selected machinery items: automobiles, corn heads for combines, and field forage harvesters

Chinchillas

Worms

Tropical and baitfish

FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling \$2,000 or more of horticultural products such as greenhouse products, outdoorgrown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Government Payments and Market Value of Agricultural Products Sold.

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and nonfarms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1988. These data are updated periodically; however, the acreages shown for 1987 are essentially the same as for 1982. Any differences between the land area for 1987 and 1982 are due to annexations and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

Value of land and buildings—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

Harvested cropland—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

Cropland used only for pasture or grazing—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Included also was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

Other cropland—This category includes cropland not harvested and not grazed which was used for cover crops, soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

Total woodland—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, land planted for Christmas tree production, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

Woodland pastured—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore, was not included in woodland pastured.

Cropland in annual commodity acreage adjustment programs—This category includes land diverted or set aside under the provisions of the Federal Commodity Acreage Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. Information was not obtained as to which crops would have been grown on the acres set aside.

Cropland in the Conservation Reserve Program (CRP)—This category includes acres of "highly erodible" cropland taken out of agricultural production and planted to protective cover crops or reforested. The CRP was established through the 1985 Food Security Act and provides for annual rental payments and shared costs of conservation practices through a 10-year contract with the USDA. Appendix B presents data on places with all their cropland enrolled in the Conservation Reserve Program and which were not counted as farms in the 1987 census.

Irrigated land—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior or oldest active partner is considered the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operation.

Operator characteristics—All operators were asked to report place of residence, principal occupation, days of off-farm work, year in which his/her operation of the farm began, age, race, sex, and Spanish origin. If race, age, sex, and principal occupation were not reported, they were imputed based on information reported by farms with similar acreage, tenure, and value of sales. No imputations were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. Operators of Spanish origin were tabulated by reported race.

Farm production expenses—In 1987, additional specific expense items and a category for all other farm production expenses were added to the selected farm production expenses collected in 1982. Consequently, we are publishing total farm production expenses in 1987. The expenses are limited to those incurred in the operation of the farm business. Expenses include the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Property taxes paid by landlords are excluded. Expenditures for nonfarm activities; farm-related activities such as providing customwork for others, the production and harvest of forest products, and recreational services; and household expenses are excluded. In 1987, as in other recent censuses, operators producing crops, livestock, or poultry under contract often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, extensive estimation was required for contract producers.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1987

including the cost of custom application. The cost of custom application was excluded from the 1982 and 1978 data.

Agricultural chemicals—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including the cost of custom application. Data exclude commercial fertilizer purchased. The cost of custom application was excluded from the 1982 and 1978 data. The cost of lime was excluded from the 1987 and 1982 data, but included in 1978.

Customwork, machine hire, and rental of machinery and equipment—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of custom application of fertilizer and chemicals was included in the 1982 and 1978 customwork data, but is included in expenditures for these items in 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Interest—In 1987, separate data were collected for interest paid on debts secured by real estate and interest paid on debts not secured by real estate. In 1982, only total interest expenses were collected.

Market value of agricultural products sold—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

Government payments—This category is limited to direct cash or generic commodity certificate (PIK) payments received by the farm operator in 1987. It includes deficiency and diversion payments; wool payments; payments from the Dairy Termination Program, the Conservation Reserve Program, other conservation programs, and all other federal farm programs under which payments were made directly to farm operators.

Other farm-related Income—The 1987 report form included a new inquiry on income from farm-related sources. These data consist of gross income in 1987 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. These data are for income producing activities that are primarily a by-product or supplemental to the farm operation. They exclude income from business activities that are separate from the farm business.

Customwork and other agricultural services—This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constitutes a separate business or is conducted from another location.

Rental of farmland—This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, permonth, or per-pound basis. It excludes rental income from nonfarm property.

Sales of forest products—This income includes gross receipts from the sales of Christmas trees, standing timber, maple products, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts and sawmill businesses.

Other farm-related Income sources—This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends of cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

Commodity Credit Corporations loans—This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, peanuts, rye, rice, tobacco, and honey.

Agricultural chemicals used, including fertilizer and lime—For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or limed more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

Fish and other aquacultural products—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

Citrus enumeration—In the 1987 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1987 census, 7 caretakers in Arizona reported 175 grove owners having 12,000 acres of citrus; the 65 caretakers in Florida reported 3,000 grove owners having 170,000 acres of citrus; and 20 caretakers in Texas reported 800 grove owners having 14,500 acres of citrus.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1987 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data for Florida relate to the quantity harvested in the September 1986 through July 1987 harvest season, except limes that were harvested in the April 1987 through March 1988 harvest season. The data for Texas relate to the quantity harvested in the September 1986 through May 1987 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1986-87 harvest season.

Avocados—The data for California relate to the quantity harvested in the November 1986 through November 1987 harvest season and for Florida the April 1987 through March 1988 harvest season.

Olives—The data for California relate to the quantity harvested in the September 1986 through March 1987 harvest season.

Vegetables—The data for Florida relate to the crop harvested in the September 1986 through August 1987 harvest season.

Sugarcane for sugar—The data for Florida relate to the cuttings from November 1986 through April 1987, and for Texas the cuttings from October 1986 through April 1987.

Pineapples—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1987.

Coffee—The data for Hawaii relate to the 1986-87 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse crops; and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. An exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, or cropland idle.

Corn and sorghum hogged or grazed were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." Crop residue left in fields and later hogged or grazed was not reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse crops; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland and the individual abandoned orchard crop acres were not to be reported.

Land in orchards—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

Crop units of measure—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight, or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops is published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore, were not corrected. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

"See text" References

Items in the tables which carry the note "See text" are explained or defined in this section.

Data are based on a sample of farms—For 1987, 1982, and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1987, the six-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 23 through 28 of the 1987 census forms included inquiries on production expenses, commercial fertilizer and lime, chemicals, machinery and equipment, value of land and buildings, and income from farm-related sources. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

Operators of Spanish origin—No imputation was made for those not responding to the question on Spanish origin.

Farms operated by Black and other races—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White

All other races—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

Total sales—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery crops and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans are included as sold. In 1987, all farms including abnormal farms were tabulated by size based on reported sales. In 1982 and 1978, abnormal farms were included in the total sales figure, but excluded from the detailed size breakdowns. Abnormal farms include institutional farms, experimental and research farms, and Indian reservations.

Farms with sales of less than \$1,000—This category includes all farms with actual sales of less than \$1,000, but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

Net cash return from agricultural sales for the farm unit—This category is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Depreciation and the change in inventory values are excluded from expenditures. Production expenditures may be understated on part owner and tenant farms because property taxes paid by landlords are excluded. Other landlord expenditures, such as insurance or rent paid, which are not readily known to renters may also be omitted or understated. Gross sales include sales by the operator as well as the share of sales received by

partners, landlords, and contractors. Consequently, the net cash return is that of the farm unit rather than the net farm income of the operator.

Other livestock and livestock products—This category includes all livestock and livestock products not listed separately.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, Angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the National Agricultural Statistics Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

Poultry hatched—This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1987, is tabulated under the column heading "Inventory" and the number of poultry hatched and placed or sold is under the heading "Sales."

Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc.—Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Tame hay other than alfalfa, small grain, and wild hay—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

Grapes—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds of fresh weight. The conversion used was 4 pounds fresh weight to 1 pound dry weight.

Plums and prunes—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

Cherries—For 1987, cherries were reported as "sweet cherries," "tart cherries," or "cherries" depending on the regional form the respondent completed. On regional

forms for States where cherries are an important fruit crop, "sweet cherries" and "tart cherries" were listed separately. On the other regional forms, either "cherries" were listed or could be written in. For publication purposes, "cherries, total" could be shown along with the individual breakdown of "sweet cherries," "tart cherries," or "cherries, not specified." "Cherries, not specified" is used to account for cherries where the "sweet" and "tart" breakdown was not asked or where respondents wrote in "cherries" but did not specify or code the kind of cherry. All the individual cherry items may not be shown. Data for "sweet cherries," "tart cherries," and "cherries, not specified" are not available for 1982.

Other fruits and nuts—Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1987 report form.

Land used for vegetables—Data are for the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Vegetables harvested for sale—The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown.

Nursery and greenhouse crops grown for sale—These data are a summation of the individual items reported. All of the individual items may not be shown.

Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated—Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding plants, etc., grown in the open.

Other grains—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, dry southern peas (cowpeas), emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

Value of crop production—This item represents the estimated value of all crops harvested during the 1987 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained usually from publications of the National Agricultural Statistics Service, USDA. When

USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

State tables 48 through 53 present detailed 1987 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales— In 1987, all farms were tabulated by size based on reported sales. In 1982 and earlier censuses, abnormal farms were not tabulated based on sales size. In the tables on market value of agricultural products sold, the sales of abnormal farms in 1982 and earlier censuses were included in the total sales figure, but excluded from the detailed size categories. Abnormal farms included institutional farms, experimental and research farms, and Indian reservations. The category "farms with sales of less than \$1,000" included all farms with actual sales of less than \$1,000 but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

The sales size categories used in this report are consistent with the standard business size categories issued by Office of Management and Budget (OMB) in 1982. In State table 52, data are presented for four sales size categories between \$10,000 and \$49,999. This provides users with bridge data under both the OMB and the 1978 census classifications. For the 1992 census, data will be presented only for the OMB sales size categories of \$10,000 to \$24,999 and \$25,000 to \$49,999.

Abnormal farms—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, churches, schools, grazing associations, and government agencies. In 1987 and 1982, nongovernmental units such as church farms and Future Farmers of America camps were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

Farms by tenure of operator—The classifications of tenure used in the 1987 census were:

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others

Farms by type of organization—All farms were classified by type of organization in the 1987 census. The classifications used were:

Individual or family (sole proprietorship), excluding partnership and corporation.

Partnership, including family partnership.

Corporation, including family corporation.

Other, cooperative, estate or trust, institutional, etc.

Corporations were subclassified by two additional characteristics into:

- 1. Family held
 Other than family held
- 2. More than 10 stockholders 10 or less stockholders

Farms by age and principal occupation of operator—Data on age and principal occupation were requested from all operators in 1987. The principal occupation classifications used were:

Farming—The operator spent 50 percent or more of his/her worktime in 1987 in farming or ranching.

Other—The operator spent more than 50 percent of his/her worktime in 1987 in occupations other than farming or ranching.

Farms by size—All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's.

Farms by standard industrial classification—In 1987, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity using the standard industrial classification (SIC) system. These classifications, found in the 1987 SIC Manual¹, are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

¹Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-003-14-2.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

Characteristics of all farms by selected SIC groupings are shown in State tables 18 and 53. The SIC groupings shown in State table 53, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011)—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, milo, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131)—Cotton and cottonseed.

Tobacco (0132)—Tobacco.

Sugarcane, sugar beets, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweetpotatoes, timothy, and yams.

Vegetables and melons (016)—Vegetables and melons grown in the open.

Fruits and tree nuts (017)—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018)—Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubberies, sod, mushrooms, and vegetables grown under cover.

General farms, primarily crops (019)—Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

Livestock, except dairy, poultry, and animal specialties (021)—Cattle, calves, hogs, sheep, goats, goat's milk, mohair, and wool.

Beef cattle, except feedlots (0212)—Production or feeding of beef cattle, except feedlots.

Dairy farms (024)—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025)—Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

Animal specialties (027)—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock and animal specialties (029)— Livestock and animal specialties and their products, but less than 50 percent of sales from any single three-digit industry group.

The SIC manual was revised for 1987. Animal aquaculture (0273) was established as a new industry and horticultural specialties, not elsewhere classified (0189) was deleted.

APPENDIX B. Places With All Cropland in the Conservation Reserve **Program**

The Food Security Act of 1985 established the Conservation Reserve Program (CRP). This program provides annual payments for highly erodible cropland enrolled in the program and meeting its conservation requirements. It also requires that the land be taken out of agricultural production for 10 years.

The 1987 Census of Agriculture includes Conservation Reserve acreage as land in farms on operations that meet the census farm definition. For census purposes, a farm is any place from which agricultural products of \$1,000 or more were produced and sold or normally would have been sold during the census year. Operations which placed all of their cropland in the CRP and did not otherwise meet the farm definition based upon sales, livestock inventories, planted crops, or other criteria for potential sales were not included as farms in the census tabulations.

The following table provides CRP data for places not meeting the census farm definition ("whole farm" CRP places). It also contains separate but corresponding CRP data for farms included in the census tabulations. In addition to State data, detailed county data are presented for counties with three or more "whole farm" CRP places reported. For counties with less than three "whole farm" CRP places reported, their data are combined and reported in "all other counties."

The data for "whole farm" CRP places are not

complete for all counties. The census mail list was developed from sources which indicated the farm had agricultural production activity. It was not designed to cover all "whole farm" CRP places. Therefore, the data for these places are limited to what was reported in the census and have not been adjusted to account for nonresponse, incomplete coverage, and reporting errors.

Land in Conservation Reserve Program: 1987

[For meaning of abbreviations and symbols, see introductory text]						
	Agricultural places	excluded by farm defi in the CRP	inition with acres	Farms with acres in the CRF		RP
Geographic area	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
lowa	1 877	227 024	162 714	8 050	3 643 158	897 896
Adair	20	3 129	2 374	86	43 619	9 058
Adams	18	2 920	1 835	118	48 015	15 191
Allamakee	30	5 391	3 014	135	50 592	13 410
Appanoose	15	1 984	1 592	117	48 528	8 099
Audubon	32	3 891	3 226	109	47 120	13 238
Benton	8	785	540	50	18 835	3 168
Black Hawk	9	1 497	1 020	22	8 952	1 154
Boone	8	693	241	54	28 927	2 785
Bremer	14	952	664	50	13 221	1 820
Buchanan	l al	789	328	37	9 746	1 389
Buena Vista	ž	580	290	58	25 354	2 137
Butler	23	2 267	1 635	104	38 112	7 125
	5	1 343	1 335	43	17 435	1 839
Calhoun	3	365	313	39	20 435	4 372
Carroll	13	1 538	1 247	64	35 726	6 495
Cass	14	1 744	1 296	53	28 334	5 572
Cedar		2 245	1 829	77	37 882	4 482
Cerro Gordo	24		236	34	17 428	2 425
Cherokee	6	308		105	34 342	7 711
Chickasaw	25	2 070	1 411	118	61 856	12 782
Clarke	14	1 968	1 178		42 622	4 859
Clay	13	1 244	1 107	84	65 934	17 804
Clayton	56	8 542	5 191	189		8 042
Clinton	32	3 633	2 781	93	34 355	13 043
Crawford	9	1 013	943	82	45 365	5 028
Dallas	28	2 593	1 762	94	39 267	
Davis	35	4 012	2 854	124	65 250	18 824
Decatur	30	4 346	2 710	118	58 772	12 940
Delaware	11	1 530	630	73	26 057	4 644
Des Moines	8	839	362	41	22 442	3 042
Dickinson	23	2 097	1 824	93	38 922	4 988
Dubuque	32	4 313	3 343	88	23 155	8 240
Emmet	10	1 238	1 088	62	29 171	4 343
Favette	29	3 060	1 885	119	40 596	9 331
Floyd	23	1 885	1 421	118	54 263	8 964
Franklin	13	2 006	1 850	80	40 591	4 458
Fremont	13	2 345	1 857	49	32 925	5 284
Greene	7	364	278	46	27 379	2 101
	31	4 434	3 317	102	45 570	11 972
Guthne	11 11	1 319	1 004	56	33 528	2 521
Hamilton	9	766	739	87	37 207	4 385
Hancock	7	408	281	49	24 813	3 134
Hardin	17	2 602	1 780	64	33 164	5 189
Harmson	18	1 610	808	55	18 533	3 704
Henry	34	3 555	3 173	150	59 099	12 478
Howard	34 7	563	470	44	22 338	4 420
lda			1 923	101	49 177	9 333
lowa	25	2 350		114	38 666	10 403
Jackson	35	6 057	3 858		50 061	8 784
Jasper	22	2 507	1 945	119	20 0011	0 /04
•						

Land in Conservation Reserve Program: 1987—Con.

	Agricultural places a	excluded by farm defining the CRP	nition with acres	Farm	s with acres in the CR	P
Geographic area	Number	Land in places (acres)	Land in CRP (acras)	Number	Land in farms (acres)	Land in CRI (acres
affarson	25	3 304	2 229	60	20 978	4 40-
ohnson	16	1 017	755	54	19 572	4 20
ones	22	3 157	2 258	72	31 719	8 25
Gokuk	32	2 700	1 898	128	56 425	12 05
ossuth	26	2 501	2 387	106	61 011	4 85
38	12	937	426	56	23 524	3 65
no	17	1 831	1 303	65	29 387	3 68
	l 'ál	1 093	682	28	11 532	2 09
oulsa	22	2 334	1 497	111	53 975	9 87
JCBS	42				25 141	
on		331	320	48		, (C
adison	24	2 981	1 813	97	47 479	7 51
ahaskaahaska	32	3 693	2 724	116	46 035	9 06
arion	41	4 829	3 250	111	44 512	10 89
arshali	36	4 140	3 368	136	63 763	14 53
lls	19	1 836	1 240	31	15 425	3 38
tchall	14	763	639	110	44 956	6 38
onona	15	1 968	1 470	67	49 910	8 29
onroa	12	1 165	466	90	41 861	(1
only on y	ا آمّا	1 984	1 452	61	29 357	5 61
uscatina	l iil	1 238	534	40	16 033	1 45
	انهٔ ا	145	145	29	14 626	88
'Bnan] 3	129	123	34	25 127	1 87
sceola	28	2 192	1 622	85	36 459	6 76
399			2 169	125	58 659	8 24
ilo Alto	27	3 310		98	46 893	10 82
ymouth	19	2 165	1 729			
ocahontas	3	337	337	45	22 488	2 31
olk	17	1 629	1 205	33	12 341	1 19
ottawattamia	19	2 325	2 005	54	29 553	4 62
owashiak	30	3 708	3 099	115	46 828	9 69
inggold	29	4 155	3 136	145	77 820	20 62
NC	3	523	411	49	26 098	2 83
ott	6	369	103	14	6 031	84
nalby	5	123	121	58	25 901	4 40
oux	1 6	881	806	49	24 481	5 31
ON	11	963	565	53	26 586	2 42
ama	18	1 892	1 498	107	43 026	8 90
Nigor	41	6 768	5 344	151	77 351	21 86
NION	24	3 355	2 451	101	59 580	13 81
	29	4 899	2 269	114	56 440	11 63
an Buren	30	2 543	1 125	65	25 288	5 21
apallo				76	25 620	4 69
arran	23	2 249	1 415			
ashington	16	2 316	1 807	64	26 872	4 84
ayne	28	6 556	5 100	168	86 638	22 68
abstar	5	1 161	221	35	18 662	2 07
/innabago/innabago/innabago/innabago/innabago/innabago//innabago _	36	3 885	3 430	104	46 858	7 68
innashiak	45	5 657	4 135	188	55 414	15 77
oodbury	45	7 376	5 733	145	80 739	22 35
/orth	29	2 853	2 250	118	50 321	7 79
right	91	732	575	50 I	30 396 l	3 46

APPENDIX C. Statistical Methodology

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MAIL LIST MODEL

A statistical discriminant model was developed to predict the probability that a mail list addressee operated a farm. The model was used to identify the 4.1 million records from the preliminary census mail list of 6.0 million records that would receive a census of agriculture report form. Records from the 1982 census mail list were used to build the model. Record characteristics such as the source of the mail list record (see appendix A for a description of record sources), number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. The proportion of 1982 census farm records in each group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

Using these same group definitions, the 1987 census mail list records were separated into groups, each with an associated estimate of farm probability from the model. The 4.1 million mail list records in groups with the largest estimate of farm probability were selected to receive the census report form. A large percentage of the 1.9 million records that were dropped from the 6.0 million preliminary census mail list were nonfarm records from the previous census. This procedure was used to obtain a more complete census enumeration without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 4.1 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample census form (a four-page form), the sample form (a six-page form), and the short form (a two-page form). Sections 1 through 22 of the sample form were identical to sections on the nonsample census form. However, the sample form contained additional sections on farm production expenditures, usage of fertilizers and insecticides, value of machinery and equipment, value of land and buildings, and farm-related income. The short form contained abbreviated versions of the sections on the nonsample census form. These three different forms were used to reduce the response burden of the census, while providing quality information on a large number of data items at the county level.

The sample form was mailed to all mail list records in Alaska and Hawaii and to a sample of records in other States identified when the mail list was constructed. Addresses were selected into the sample with certainty if they were expected to have large total values of agricultural products sold or large acreage, if they were firms with two or more farms, or if they had other special characteristics. When a nonsample large farm was identified during processing, a supplemental form that contained the additional data inquiries was mailed. All farms in counties with less than 100 farms in 1982 were included in the sample with certainty; counties containing 100 to 199 farms in 1982 were systematically sampled at a rate of 1 in 2; and counties containing 200 or more farms in 1982 were systematically sampled at a rate of 1 in 6. This differential sample scheme was used to provide reliable data for sections 23 through 28 of the report form for all counties.

To determine which mail list records would receive the short form, all mail list records not designated for the sample were sorted into model groups according to farm probability as specified by the mail list model. The 906,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than \$20,000 were designated to receive the short form. The remaining mail list records were selected to receive the nonsample census form.

CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation

procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items.

Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for the census farms among mail list nonrespondents that were not designated for telephone followup. A stratified systematic sample of eligible census nonrespondents were mailed a simplified report form. Five sample strata were defined based on form type, expected value of sales, and previous census status. The report form was designed to provide sufficient information to determine farm status. Additional mail and telephone contacts were made to survey nonrespondents to obtain sufficient response for survey estimates.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. A synthetic estimation procedure was used to estimate the number of census nonrespondents that operated farms for each county by stratum. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The procedure used for calculating the nonresponse weight assumed the eligible census respondents and the nonrespondent farm operations in a county had similar characteristics within each stratum. The noninteger nonresponse weight was the ratio of the sum of the estimated number of nonrespondent farms (using nonresponse survey results) and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the estimation of the final weight for the sample items. It was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items.

The procedure assumed that we obtain complete response from large and unique farm operations because these cases received intensive telephone followup during census processing. In situations where addressees could not be contacted by telephone or refused to cooperate, secondary sources such as Agricultural Stabilization and Conservation Service offices or county extension agents were asked to provide information as to whether or not the addressee had agricultural activities. Data from previous census reports for the specific addressee, in conjunction with other information, were used to complete the census report form.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentage of the census value contributed by nonresponse estimation as provided in this table indicates the potential for bias in published figures resulting from this procedure. The estimates provided in these tables do not reflect the effect of nonresponse to individual data items on respondents' census report forms. The effect of this item nonresponse is discussed further under Census Nonsampling Error.

Table A. Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1987

Item	Percent of total		
Farmsnumber	10.9		
Land in farmsacres	7.9		
Value of land and buildings\$1,000	7.6		
Market value of agricultural products sold\$1,000	5.7		
Harvested croplandacres	7.5		
Corn for grain or seedacres	7.1		
Wheat for grainacres	7.9		
Livestock and poultry inventory:			
Cattle and calvesnumber	6.8		
Hogs and pigsnumber	5.7		
Hens and pullets of laying agenumber	2.2		

Sample Estimation

All respondent sample records received a sample weight. The sample data estimates the actual figures that would have resulted from a complete census of the items in sections 23 through 28 of the report form. The estimates were obtained from an iterative ratio estimation procedure that resulted in the assignment of a weight to each record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing overall sample records in the county.

Each sample farm was assigned one sample weight to be used to produce estimates for all sample items. For example, if the weight given to a sample farm had the value 5, all sample data items reported by that farm would be multiplied by 5. The weight assigned a certainty farm was 1. The estimation procedure used to assign weights was performed for each county.

Within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1987 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The variable groups were as follows:

TVP	SIC	Acres
\$1 to \$999	01 All crops	0 to 69
\$1,000 to \$ 2,499	02 All live- stock	70 or more
\$2.500 to \$.4.000		

\$2,500 to \$ 4,999 \$5,000 to \$ 9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 or more

The first step in the estimation procedure was to partition the sample records into 32 mutually exclusive initial post strata formed by combining the three variable groups. This produced a three dimensional array where the cells of the array corresponded to the initial post strata groups. Each sample farm record was assigned an initial weight equal to the ratio of the total farm count to the sample farm count, expanded for nonresponse estimation, for the cell containing the sample farm. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the cells of the array (prior to the repeated ratio estimation) to increase the reliability of the ratio estimation procedure. Any cell within the array that either contained less than 10 sample farms or had a ratio of total farms to sample farms that was more than 2 times the mail sample rate was collapsed with another cell (in the same variable) according to a specified collapsing pattern. New total farm counts and sample farm counts were computed for each of the collapsed cells (final post strata) and were used in the ratio estimation procedure to calculate final sample weights.

In the third step in the ratio estimation procedure, complete counts for the three variables (TVP, SIC, acreage) were used to compute the marginals of the array defined by the final post strata. Factors were then applied to expanded sample totals in each cell of the array to obtain agreement with the row marginal (TVP) complete counts. The sample totals then had factors applied to obtain agreement with the column marginal (SIC) complete counts. Lastly, the sample totals had factors applied to obtain agreement with the depth marginal (acreage) complete counts. This procedure that requires the row totals, then the column totals, and then the depth totals to agree with the complete counts for the rows, columns, and depths, respectively, is continued iteratively until the process converges (the marginal totals agree with the complete count totals).

The ratio of the adjusted total farm count to the sample farm count obtained from the second iteration of the estimation procedure was the noninteger final post stratum sample weight assigned to the sample farm records in that post stratum. The noninteger sample weight, the product of the noninteger final post stratum sample weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the

farms in a particular group was 7.2, then one-fifth of the sample farms in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. The complete count items were asked of all farm operators. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). Variability in the complete count data items is considerably smaller than in the sample items as the variation is due only to the nonresponse sample estimation procedure. The sample items were asked of approximately 25 percent of the total census farm operators. The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of sample items is due both to the census sample selection and estimation procedure and the nonresponse sample estimation procedure.

The sample for the 1987 Census of Agriculture is one of a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible sample estimates is called the sampling deviation. The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of estimate is defined as the standard error of the estimate divided by the value being estimated multiplied by 100. If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

- Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
- 2. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.

The computations involved to define the above confidence statements are illustrated in the following example. Assume that the estimate of number of farms for the State is 94,382 and the relative standard error of the estimate (percent) is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error. Therefore, a 67-percent confidence interval is 94,288 to 94,476 (i.e., 94,382 plus or minus 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 90 percent confidence interval is 94,227 to 94,538 (i.e., 94,382 plus or minus 1.65 x 94).

Tables B and C provide the reliability estimates of the estimated number of farms in a county reporting complete count and sample items, respectively. Both tables show the percent relative standard errors for selected estimated number of farms in a county reporting an item. These are derived from a regression equation. The parameters of the regression equation were estimated using the estimated number of farms in a county reporting the complete count or sample item as the independent variable and the standard error of that estimate as the dependent variable for all counties in the State.

Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item:

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	7.2
50	5.0
75	4.0
100	3.5
150	2.7
200	2.3
300	1.8
500	1.2
750	.7
1,000	.2
1,500	.2
2,000	.2

Note: Complete count items are items in sections 1 to 22 of the report form.

To illustrate the use of these tables, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 12, is 89. Since hogs and pigs is a complete count data item, refer to table B and select the estimated relative standard error of the estimate from the row whose value is equal to or just less than the estimated number of farms, 89. For this example, the relative standard error of the estimate comes from the row for 75 farms reporting. For sample data items, follow the same procedure using table C. In counties that had less than 100 farms in the 1982 Census of Agriculture, table C does not apply because the farms in these

counties were sampled with certainty (1 in 1), and thus, the reliability estimates for the number of farms in these counties are smaller than for counties that were sampled at lower rates (1 in 2 or 1 in 6).

Table C. Reliability Estimates for Number of Farms in a County Reporting a Sample Item: 1987

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	46.4
50	32.3
75	26.0
100	22.2
150	17.5
200	14.7
300	11.1
500	7.1
750	3.6
1,000	3.1
1,500	2.6
2,000	2.2

Note: Sample items are items in sections 23 to 28 of the report form.

Table D presents the relative standard error of selected State data items for all farms and for all farms with sales of \$10,000 or more. The percent relative standard error of the estimate for complete count data measures the variation associated with the sample-based adjustment for whole farm nonresponse. The percent relative standard error of the estimate for sample items measures both the sampling error due to the nonresponse sample estimation procedure and the census sample selection and estimation procedure. The reliability of State estimates may vary substantially from State to State. Generally, State estimates for a given data item are less reliable than the corresponding U.S. estimate.

Table E presents the standard error (not relative standard error) for percent change in State totals from 1982 to 1987. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1987 and the 1982 estimate for that characteristic to the 1982 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the relative standard error for county totals for 10 major complete count items and 7 sample items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected by the joint effects of the sampling errors described in the previous section and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form and instructions, and to minimize processing errors through the use of quality control, verification, and check measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error, classification error, and item imputation.

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the cost and availability of resources for this enumeration place restrictions on operationally feasible data collection methodologies. The past five agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

Historically, the census of agriculture has included approximately 90 percent of the farms in the United States and over 96 percent of the agricultural production. Complete enumeration of agricultural operations satisfying the farm definition of \$1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used by an operation, the number of operations in which an operator participates, the accuracy of data reporting, etc. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1987 Coverage Evaluation program will be published in volume 2, part 2.

The evaluation of coverage conducted in 1987 was designed to measure errors in the census mail list and in farm classification. Mail list error includes a measurement of farms not on the census mail list (undercount), and a measurement of farms enumerated more than once in the

census (overcount). Classification error includes a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference of undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with the use of a mail list for the census of agriculture enumeration is the difficulties that are encountered in compiling a complete list. The percentage of farms on the census mail list varies considerably by State. Several reasons have contributed to farm operators' names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in agricultural related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list were small in both acres and sales of agricultural products.

The 1987 Census of Agriculture Coverage Evaluation used the area segment sample of the 1987 June Enumerative Survey (JES) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with the NASS to augment the JES data collection and receive survey data under the confidentiality protection afforded by Title 13, U.S. Code, from all residents of area sample segments with agricultural activity. These survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list coverage. Estimates of farms not on the census mail list used the capture-recapture dual frame estimator that will be described in the Coverage Evaluation report.

Table G provides coverage evaluation estimates of the number of farms not on the mail list and selected characteristics of those farms with their percent relative standard error. The table also provides an estimate of characteristics of farms not on the mail list as a percentage of total farms in the State. The estimate of total farms in the State is based on census farm count and the estimated number of farms not on the census mail list. This estimate of total farms in the State was not adjusted for classification and list duplication errors. Estimates of these errors will be made at the regional rather than the State level and will be available in the Coverage Evaluation report. The table provides the standard error (not relative standard error) of this percent estimate.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone

enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect enumeration of farms. This type of reporting error is measured by the Classification Error Study discussed later in this section. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

Item Nonresponse

Nonresponse to particular questions on the census report that we would logically or statistically expect to be present may create a type of nonsampling error in both complete count and sample data. When information reported for another farm with similar characteristics is used to edit or impute for item nonresponse, the data may be biased because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. Any attempt to correct the data for nonresponse may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

The many steps of processing of each census report form are sources for the introduction of nonsampling error. The processing of the census report forms includes clerical screening for farm activity, computerized check-in of report forms and followup of nonrespondents, keying and transmittal of completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

Classification Error

An evaluation study of classification errors was conducted in the 1987 Census of Agriculture as part of the census coverage evaluation program. A sample of mail list respondents was selected, and these addresses reenumerated to determine whether they were a farm or nonfarm. A farm status determination was made based on the evaluation questionnaire and compared with the status based on the data reported on the census form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. The classification error rate was higher for (1) livestock farms than crop farms, (2) farms with a small number of acres than larger farms, or (3) tenant farms than full or part-owner farms. Results from the 1987 classification error study will be published in the Coverage Evaluation report.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

For the 1987 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. Computer edits also performed a series of complex, logical checks of consistency and completeness of item responses. They provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses

of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that

the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

Tables D through G follow.

Table D. Reliability Estimates of State Totals: 1987

(For meaning of abbreviations and symbols, see introductory text)

		All ferr	ns	Ferms with sales of	of \$10,000 or more	
item		Totel (number)	Reletive stenderd error of estimate (percent)	Totel (number)		
ermsand in terms	number	105 180 31 638 130	(Z)	82 631	(
Average size of farm	ecres	301	:1)	30 158 199 365		
/alue of lend and buildings1	\$1,000	29 829 901	.4	28 285 406		
Average per acre		283 597 947	.4 .5	342 244 942		
Stimeted market value of all mechinery and equipment ¹	\$1,000	5 543 375 52 844	.5 .5	5 242 462 63 469		
erms by size.			.5			
1 to 9 acres	ecres	7 974 23 461	.4	3 645 8 720		
10 to 49 acres	acres_	10 981 282 586	.3 .4	2 449 64 324		
50 to 179 acres		27 556 3 240 337	.7 .2 .2	19 504 2 461 572		
180 to 499 acres		39 071	.1	37 526		
500 to 999 ecres	acres	12 216 013 15 874	.1	11 814 439 15 793	(
1,000 to 1,999 ecres	acres	10 707 195 3 401	.2 .2 .2 (Z) (Z)	10 657 342	,	
	acres	4 290 322	(Z) (Z)	3 393 (D)	(
2,000 acres or more	acres.	878 216	-	321 (D)	(
otal cropland		96 749	(Z)	78 638	(
Harvested croplend		27 290 868 92 878	.1	26 339 403 77 374		
Acres hervested:	acres	20 484 178	.1	20 043 833		
1 to 9 acres		4 624	.6	852	1	
10 to 49 ecres	acres farms	23 646 12 924	.6 .3	3 771 4 007	1	
50 to 99 acres	acres	345 545 13 956	.3 .3 .3	124 725	1	
30 (0 05 00 05	acres	1 016 312	.3	11 411 851 657		
100 to 199 acres	acres	23 454 3 385 193	.2	23 199 3 354 110		
200 to 499 acres	farms	29 005	.2	28 991	(
500 to 999 acres	acres farms	9 062 600 7 723	.2 .2 .2 .2 .2	(D) 7 722	(
1,000 acres or more		5 066 459 1 192	.2	(D) 1 192	(
Cropland used only for pasture or grazing	acres	1 584 423 36 766	2	1 584 42 3 30 175		
Other cropland	acres	2 283 547	.2	2 071 333		
Other cropiand	acres	63 889 4 523 143	.1	56 787 4 224 237		
rigated land	acres	851 92 247	1.1 1.2	711 91 190	1	
Acres irrigated: 1 to 9 acres	i	303	1.7	188		
	acres	785	2.5	488	2	
10 to 49 acres	acres	123 3 273	3.1 3.2	102 2 744	3	
50 to 99 acres	acres_	119 8 179	3.2 3.1	115 7 948	3 3	
100 to 199 acres		163	2.6	163	2	
200 to 499 acres	acres farms	22 183 116	2.6 2.7	22 183 116	2 2 2	
500 to 999 acres	acres ;	35 519 20	2.5 1.6	35 519 20	2 1	
1,000 acres or more	acres	12 164	1.3	12 164	i	
1,000 00100 011000	acres	10 144	-	10 144		
larket value of agricultural products sold	\$1,000 dollars	8 926 799 84 872	.1	8 836 943 106 945		
Value of sales: Less than \$2,500	4	. 700				
	\$1,000	8 799 9 626	.4 .5	-		
\$2,500 to \$4,999	\$1,000	5 498 20 091	.5 .5 .5 .4	-		
\$5,000 to \$9,999	farms \$1,000	8 252 60 139	.4			
\$10,000 to \$24,999	farms	17 436	i	17 436		
\$25,000 to \$49,999	\$1,000 farms	294 092 17 752	.3 .3 .3	294 092 17 752		
\$50,000 to \$99,999	\$1.000	643 759 20 656	.3 .2 .2	643 759 20 656		
\$100,000 or more	\$1,000 farms	1 493 083 26 787	.1	1 493 083 26 787		
also by commands.	\$1,000	6 406 010	.1	6 406 010		
ales by commodity or commodity group: Crops, including nursery end greenhouse crops	farms	83 940	.1	71 997		
Grains	\$1,000 \$1,000	3 660 117 3 563 323	.1	3 616 767 3 524 735	•	
Corn for grain Wheat	\$1.000	1 961 527 2 726	1 1.2	1 939 575 2 591	1.	
Soybeens	\$1,000	1 573 168	.1	1 557 479		
Sorghum for grain Barley	\$1,000	477 116	3.0 4.0	465 111	3. 4.	
OatsOther greins	\$1,000	19 604 5 705	.4 2.0	18 893 5 621	2.	

Table D. Reliability Estimates of State Totals: 1987—Con.

	ļ_	A11 f	arms	Farms with sales	of \$10,000 ar more
łtem		Total (number)	Relative standard error of estimate (percent)	Tatal (number)	Relative standard error of estimate (percent
Sales by commodity or commodity group - Con.					
Crops, including nursary and greenhouse crops - Con. Cotton and cottonseed	\$1,000	_		-	
Tobecco	\$1,000 \$1,000	46 480	.5	43 012	
Vegetables, sweet corn, and melons	\$1,000	7 541	2.1	7 019	2. 5.
Fruits, nuts, and barries	\$1,000 \$1,000	2 853 38 241	4.7	2 499 37 870	5.
Other crops	\$1,000	1 678	2.2	1 632	2.
Livestock, poultry, and their products	farma	72 438	.1	59 370 5 220 176	
Paultry and paultry products	\$1,000 \$1,000	5 266 682 192 228	.1	191 697	:
Dairy products Cattle and calves	\$1,000	392 284 2 124 641	.4	391 942 2 094 924	
Hogs and pigs	\$1,000	2 494 231	.1	2 484 999	
Sheep, lambs, and wool	\$1,000 \$1,000	46 157 17 139	.7 1.5	41 763 14 851	1
Farms by standard industrial classification:					
Cash grains (011)		50 200	.1	42 117	
Field crops, except cash grains (013)	acres farms	18 137 472 1 451	1.1	17 494 512 204	3.
	acres	131 518	1.7	49 598	3.
Vegetables and melons (016)	acres	213 15 931	2.7	79 11 845	4.
Fruits and tree nuts (017)	farms	195	2.9	46	5.
Horticultural specialties (018)	acres	7 090 278	3.6	3 222 192	5.
	acres	13 229	_	10 359	
General farms, pnmarily crop (019)	farms	1 039 231 923	1.2	485 192 327	1.
Livestock, except dairy, poultry, and animal specialties (021)		43 979	.1	33 596	`.
	acres	11 483 078	.1	10 886 086	l .
Dairy farms (024)	farms acres	4 209 997 836	.5	4 136 994 065	
Poultry and eggs (025)	farms	570	1.3	400	1.
	acres	72 274	1.1	66 824	1.
Animal specialties (027)	acres	1 601 64 967	1.0 2.2	209 17 573	2.
General farms, primarily livestock and animal specialties (029)	farms	1 445 482 812	.9	1 167 431 788	1.
Farms by type of organization:	acres	402 012	.0	431 700	•
Individual or family (sole proprietorship)		89 188	.1	68 845	
Pertnership	acres	25 058 946 11 088	.1	23 749 442	
·	acres	3 802 372	.3 .3 .5 .3 1.7	3 671 569	
Corporation	acres	4 404 2 659 862	.5	4 095 2 630 356	
Other-cooperative, estate or trust, institutional, etc.	farms	500 116 950	1.7	342 106 832	2.
Towns of secondary	acras	116 950	1.7	100 032	'
Tenure of operator: Full owners	farms	48 226	.1	30 177	
Part owners	acres	7 963 226 35 207	.2	6 820 684 33 211	
	acres	17 255 971	.1	17 068 588	
Tenants	acres	21 747 6 418 933	.2	19 243 6 268 927	
Operators by principal occupation:	0.0				
Farming	farms	75 279	.1	67 738 27 314 409	
Other	acres farma	27 958 679 29 901	.1	14 893	
	acres	3 679 451	.3	2 843 790	
Operators by sex: Male	forme	101 838	(7)	80 750	1
	acres	31 076 208	(Z) .1 .7	29 690 974	(2
Female	acres	3 342 561 922	.7	1 881 467 225	1.
Average age of operator		49.3		48.7	i i
Cropland under federal acreage reduction programs:				0, 05,	
Annual commodity acreage adjustment programs	acres	69 141 3 560 902	.1	64 254 3 510 310	
Conservation reserve program	farms	8 050	.4	6 043	
	acras	697 896	.5	544 228	
Government payments: Amount received in cash	\$1,000	559 007	.1	548 398	
Value of certificates received	\$1,000	594 706	.1	571 759	
Net cash return from agnicultural sales1:					
Net cash return from agricultural sales for the farm unit (see text)	farms \$1,000	105 184 2 146 897	.1	82 647 2 187 522	
Average per farm		20 412		26 468	
Farms with net gains ²	number	74 987	.1	67 144	
Farms with net losses	\$1000 I	2 374 100 30 197	.5	2 358 599 15 503	:
Court Auth Het 102242	\$1,000	227 103	1.2	171 077	1.
Total farm production expenses1	farma	105 184	.1	82 647	
Livestock and poultry purchased	\$1,000	6 647 645 46 066	.2	6 516 385 40 253	
	\$1 000 I	1 358 161	-6	1 346 860	
Feed for livestock and poultry	farma \$1,000	64 752 1 101 866		54 514 1 092 412	
Sanda hulbo plants and trace		88 807	.3	76 710	
Seeds, bulbs, plants, and trees	\$1,000	308 197	.4	302 401	1 .
Commercial fertilizer	forme	83 067	.3	73 196	1

Table D. Reliability Estimates of State Totals: 1987—Con.

[For meening of abbreviations and symbols, see introductory text]

	Ail	farms	Farms with sales of \$10,000 or more			
ltem	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)		
Total farm production expenses - Con	00.004		2, 200			
Agricultural chemicals farms \$1,000 Petroleum products farms	309 894	.3	74 725 304 487	.3 .6 .1		
S1,000 Electricity	315 061 90 2 55	.2 4 .3 .5	80 999 304 536 75 154 120 904	.1 .4 .3 .5		
Hired farm labor farms	49 121	.7	44 716			
\$1,000 Contract labor farms	282 515		280 602 7 032	.7 .9 2.5 3.2 .3 .5		
\$1,000 Repair and maintenance farms	21 032	3.1	20 485 75 830	3.2		
\$1,000	407 270	.5	393 118	.5		
Customwork, machine hire, and rental of machinery and equipment farms	57 354	.7	49 313			
\$1,000 Interestfarms	67 262	.5	128 322 58 282	1.4		
Cash rent \$1,000	41 375	8	561 575 39 119	.5		
\$1,000		1.0	489 057	1.0		
Property taxes	230 810	.3	67 238 212 292	.4		
All other farm production expenses farms \$1,000	101 919 513 358		82 616 499 729	.1 .6		
Livestock and poultry:						
Cattle and calves inventory	4 303 682		40 741 4 131 811	.1 .1		
Beef cows	1 123 745		25 846 1 044 065	.1 .2 .2 .2 .4		
Milk cows		.4	7 247 293 185	.4		
Cattle and calves soldfarms		.1	42 170	.1		
number Hogs and pigs inventory farms	36 670	.1	3 461 601 34 159	.1 .1		
Hogs and pigs sold	38 638		12 895 969 35 888 23 367 520	.1 .1 .1		
Sheep and lambs inventory farms			6 046	.4		
Sheep and lambs sold farms	8 806	6	376 723 6 177	.6		
Number Hens and pullets of laying age inventory	4 834	.5	546 920 3 255	.4 .6 .4 .7 .5		
			8 148 440			
Broilers and other meat-type chickens sold farms number	666 016		768 582 165	1.3 12.0		
Horses and ponies inventory farms number		3 6	7 176 34 375	.4 .7		
Selected crops harvested						
Corn for grain or seed farms		1 1	74 285 9 973 381	-1		
acres bushels			1 258 020 972	.1 .1		
Corn for silage or green chop farms		.а	7 742	.3		
acres tons, graen		.3	202 856 3 217 196	.3 .5		
Wheat for grain farms			1 212	.9		
acres bushels		11111	28 672 1 113 489	1.0 1.1		
Oats for grain		2	23 732	.2		
acres bushels		2 2	525 517 30 087 002	.2 .2 .2		
Scybeans for beanstarms		1	62 537	.1		
acres bushels		*1	7 792 894 322 478 170	.1		
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc						
(see text)	1 968 207	.1	40 181 1 829 492	.1 .2 .2		
tons, dry	5 612 944	2	5 328 103	.2		

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains

Table E. Reliability Estimates of Percent Change in State Totals: 1982 to 1987

	All fa	arms	Farms with sales of \$10,000 or more			
ltem	Percent change	Standerd error of estimate (percent)	Percent change	Standard error of estimate (percent)		
Farmsnumber	-8.9	.1	-11.6	.1		
Land in larmsacres Value of land and buildings1:	-3.0	.1	-3.9	.1		
Average per farmdollers	-39.8	.3	-38.8	.4		
Total cropland farms	-9.5	.1	-12.4	.1		
acres Hervested croplandterms	-1.1 -10.4	.1)	-2.0 -12.8	.1		
hervested cropiend termsacres	~15.1	.1	-15.4	.1		
Irrigeted landferms	38.1 .9	1.5 .5	27.4 .3	1.4 1.2		
Market value of agricultural products sold	-8.9 -9.2	. 1 .1	-11.6 -9.2	.1 (Z)		
Crops, including nursery and greenhouse crops	-9.1	.1	-11.5	.1		
\$1,000	-11.7 -15.4	.1	-11.8 -16.8	.1		
Livestock, poultry, and their productsferms	-7.4	.1	-7.3	.1		
Poultry and poultry products	-30.0 17.2	.4	-31.8 17.4	.4		
Selected farm production expenses1:						
Livestock end poultry purchased	-13.8 -11.6	.9 .7	-13.4 -11.7	.9		
Feed for livestock and poultry farms	-17.1	.6	-16.5	.6		
\$1,000 Seeds, bulbs, plants, and trees	-9.3 -10.1 -1.6	.4	-9.0 -12.2 -2.0	.9 .7 .6 .7 .3 .7		
Commercial fartilizer ²	-4.1 -17.0 -1.2	.5 .7 .5	-6.9 -17.5 -5.5	.5 .7 .5 .8		
Agricultural chemicals ²	-6.6	.8	-7.1	.8		
Hired farm lebor farms	2.6 27.2	1.1 1.8	1.8 28.3	1.1		
Interest ³	-12.0 -43.0	.6 .6	-15.3 -43.8			
Livestock and poultry inventory: Cattle and calves	-20.7	.1	-22.1	.1		
number	-26.1	.1	-26.4	1		
Hogs end pigs farms number	-19.9 -9.4	.1	-19.5 -9.2			
Hens and pullets of laving age farms	-35.9 3	.3	-37.4 .4	.4		
number Selected crops harvested:						
Corn for grain or seedtarms	-9.9 -21.2	.1	-12.1 -21.6	.1		
Sorghum for grain or seedfarms	-63.0	1.2	-64.0	1.2		
acres Wheat for grain farms	-67.6 -50.8	.3 .5 .3	-68.4 -51.1	1.2 .8 .5 .3		
acres	-68.5	.3	-69.5	.3		
Soybeans for beans farmsacres	-6.7 -1.8	.1	-7.9 -1.8			
Hay-alfalfe, other tame, small grain, wild, grass silage, green chop, etc.	-14.4	.1	-17.0	.1		
(see text) farms acres	-3.3	.2	-3.7	.2		
Vegetables harvested for sale (see text) farms acres	38.9 6.0	2.1	42.5 3.2	2.5		
Land in orchards farms	9.2	1.9	-2.8	2.3		
acres	8.0	2.2	3.5	4.4		

¹Data are based on a sample of farms. ²Data for 1987 include cost of custom applications. ³Data for 1982 do not include imputation for item nonresponse.

Table F. Reliability Estimates of County Totals: 1987

[For meaning of abbreviation	s and symbols,	see introduc	tory text]				1					
	Farn	ns	Lend in	ferms	Average valuend buildings		Estimeted machi of ell mechi equipm	nery and	Harvested	cropland	Irrigeted	lend
Geographic erea	Total (number)	Reletive stenderd error of estimate (percent)	Total (acres)	Relative stenderd error of estimete (percent)	Velue (dollers)	Reletive stendard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Adeir	970 688 1 062 891 851	.4 .5 .3 .4 .4	353 365 243 607 321 226 244 661 268 437	.7 1.1 .6 1.0 .8	244 037 172 243 182 659 135 171 294 253	3.5 4.0 3.3 5.1 4.5	49 068 25 715 57 082 27 244 45 383	4.9 6.2 7.8 10.3 6.5	196 940 115 592 140 120 94 539 172 611	.7 1.2 .7 1.4 .9	204 - (D) (D)	25.2 - (D) (D)
Benton Black Hawk Boone Bremer Buchanan	1 434 1 269 1 029 1 140 1 332	ឧធធធធ	419 480 305 516 336 666 235 086 337 126	.5 .6 .7 .7	322 996 257 109 386 353 250 490 279 290	3.0 3.4 3.1 4.4 3.3	79 206 65 952 57 799 57 864 67 189	4.0 4.9 4.7 4.4 4.5	301 315 223 324 245 517 168 763 236 312	.5 .7 .7 .7 .7	(D) 160 6 203 218	(D) 18.2 5.3 17.4 18.4
Buena Vista Butler Calhoun Carroll Cass	1 097 1 294 992 1 319 942	.3 .3 .4 .3 .4	358 798 328 114 342 160 366 656 333 083	.6 .6 .7 .6	354 375 236 959 408 094 305 600 264 475	3.7 3.8 3.8 3.6 2.9	67 354 65 791 60 596 66 718 46 846	4.2 5.5 5.0 5.3 5.4	264 594 229 095 263 491 270 392 213 323	.7 .6 .7 .6	(D) (D) 537 (D) (D)	(D) (D) 11.0 (D) (D)
Cedar Cerro Gordo Cherokee Chickasaw Clarke	1 170 929 1 091 1 054 697	.3 .3 .3 .4 .4	345 483 317 974 338 708 276 216 229 423	.6 .6 .8 1.0	338 007 336 269 336 905 228 742 168 690	4.5 3.2 3.8 4.2 5.9	71 998 60 390 58 070 53 539 22 133	4.8 4.7 4.5 4.1 6.1	230 081 233 423 230 141 187 589 93 996	.6 .6 .6 .8	(D) 352 68 1 146 (D)	(D) 5.4 23.9 4.9 (D)
Clay Clayton Clinton Crawford Dallas	877 1 705 1 437 1 339 1 081	.3 .2 .3 .3	315 558 450 742 376 952 406 895 328 319	.6 .5 .6 .7	368 560 238 246 260 515 232 297 361 994	3.4 3.5 3.5 3.5 4.6	56 785 98 431 70 612 65 387 62 058	4.1 3.7 5.5 4.1 7.0	229 226 240 158 258 502 264 366 223 550	.7 .5 .7 .7	276 (D) 86 (D) 133	.4 (D) 15.9 (D) 6.5
Davis Decatur Delaware Des Moines Dickinson	921 715 1 452 753 593	.5 .4 .2 .4	266 999 278 714 353 940 210 843 211 002	.9 .8 .4 1.0	127 889 184 389 261 096 292 827 344 460	5.3 4.7 3.2 4.2 4.5	28 106 21 353 93 611 39 131 36 852	7.1 5.9 3.1 6.6 5.2	107 597 97 184 242 896 133 157 151 322	1.1 1.2 .4 1.0 .9	(D) (D) (D) (D)	(D) (D) (D) (D)
Dubuque Emmet . Fayette Floyd . Franklin	1 689 609 1 510 985 1 012	.3 .4 .2 .3	334 112 227 932 420 682 296 488 346 389	.6 .8 .5 .6	215 749 390 667 252 587 269 842 355 919	5.1 4.2 2.9 3.6 4.4	88 178 38 260 90 036 53 143 76 147	4.8 4.7 4.1 4.3 5.0	206 360 165 963 279 159 215 365 251 619	.6 . .8 .6 .7 .6	18 311 425 911 281	12.0 16.5 9.5 8.0 16.1
Fremont Greene Grundy Guthrie Hamilton	719 948 1 037 960 1 026	.4 .4 .3 .4 .3	308 796 353 283 319 657 316 631 347 353	.7 .6 .6 .9	358 252 389 490 386 797 237 917 419 561	3.8 3.6 3.9 5.0 2.7	43 556 54 438 61 916 45 574 74 452	6.5 4.5 3.7 5.2 4.4	203 010 258 005 243 481 176 254 262 514	.8 .6 .6 .9	1 265 599 (D)	3.0 15.6 (D) (D)
Hancock Hardin Harrison Henry Howard	1 052 1 065 1 024 893 938	.3 .3 .4 .3	347 774 337 990 387 190 231 617 269 285	6 .6 .8 .7	376 239 343 083 312 974 274 058 209 318	4.1 5.0 3.7 3.9 3.6	73 708 67 139 48 497 47 435 45 381	3.9 43 5.5 4.6 42	259 372 243 566 253 868 138 792 178 288	6 6 .9 .8 .7	586 (D) 15 933 (D) (D)	4.0 (D) 3.6 (D) (D)
Humboldt Ida Iowa Jackson Jasper	754 787 1 057 1 354 1 465	.3 .5 .3 .3	275 393 260 103 329 705 345 612 427 196	.8 .9 .6 .8	395 920 340 405 262 675 188 218 264 082	3.2 5.3 4.4 4.0 3.3	53 479 38 821 54 023 52 468 69 614	4.5 6.7 3.7 3.7 4.2	214 069 176 524 203 549 164 703 276 515	.8 .9 .7 .8 .7	261 (D) 30 (D)	14.4 (D) 17.3 (D)
Jefferson Johnson Jones Keokuk Kossuth	775 1 356 1 161 1 036 1 718	.5 .3 .3 .4 .2	234 816 305 634 322 206 343 164 599 153	1.1 .7 .6 .7 .4	242 323 254 265 272 757 299 094 405 311	5 0 3.7 4.0 5.3 2.7	32 327 68 203 62 586 54 470 121 897	6.0 4.5 4.3 4.2 3.5	139 236 198 971 194 982 198 455 459 047	1.2 .7 .7 .7 .7	127 152 (D) - 450	13.8 11.6 (D) - 12.0
Lee Linn Lousa Lucas Lyon	989 1 690 634 690 1 234	.4 .2 .5 .5	266 090 356 000 198 855 206 519 342 938	.8 .6 1.0 1.1	226 981 245 298 345 395 146 104 284 406	5 8 4 8 4.7 5.3 3.8	38 831 76 811 40 995 18 453 65 086	5.5 3.6 6.4 8.5 5.1	149 934 242 679 130 805 77 713 249 352	1.0 .6 1.1 1.2 8	506 231 3 447 (D) 1 339	18.3 10.3 3.1 (D) 17.9
Madison Mahaska Marion Marshall Mills	1 059 1 193 1 131 1 073 641	.4 .3 .4 .3	293 643 328 093 279 315 330 012 245 380	.9 .7 .9 .7	220 540 291 229 183 063 313 765 278 058	4.8 4.6 4.2 3.3 3.7	38 946 57 260 40 245 54 737 36 469	5.8 3.9 5.5 3.7 7.2	137 088 211 100 154 503 217 817 169 179	1.1 .7 1.0 .7	14 (D) 74 12 771	16.6 (D) 19.3 10.2 22.0
Mitchell Monona Monroe Montgomery Muscatine	939 854 736 701 901	3 4 .6 .4 4	270 582 377 030 225 145 247 891 233 026	.7 .6 1.2 .9	259 002 356 706 138 810 236 856 288 612	4.5 5.2 5.7 4.0 4.1	51 787 54 130 20 373 36 483 44 195	4.5 6.4 7.6 7.3 7.0	192 403 242 081 75 582 160 388 153 624	.7 .7 1.7 1.0 _9	828 25 152 (D) (D) 3 177	4.1 2.1 (D) (D) 11.1
O'Brien	1 232 731 1 015 934 1 740	.3 .5 .3 .3	362 209 230 671 337 772 343 857 521 469	.7 .9 .7 .6	362 397 340 338 211 038 377 878 291 724	3.8 3.8 4.7 3.9 3.7	71 770 44 012 42 631 58 826 89 361	4.0 5.7 5.7 4.0 4.9	269 638 178 191 202 414 251 951 359 863	.7 1.0 .7 .6 .6	8 1 139 1 928 4 713 1 799	5.6 7.9 1.5 2.9 10.9
Pocahontas Polk Pottawattamie Poweshiek Ringgold	987 1 001 1 652 1 047 701	.3 .4 .3 .4 .5	543 881 335 448	.6 8 .5 .7	402 097 314 216 297 073 289 230 186 298	3.1 4.4 3.4 4.2 3.5	75 823 48 485 92 995 55 669 28 419	4 6 5.9 3.7 6.2 6.8	265 872 169 388 379 836 211 734 119 721	6 .9 6 8	(D) (D) 1 984 (D) (D)	(D) (D) 3.8 (D) (D)

Table F. Reliability Estimates of County Totals: 1987—Con.

[For meaning of abbreviation	ns and symbols,	see introduc	tary text]									
	Farn	ns	Land in	farms	Average valu and buildings	ue of land per farm ¹	Estimated machi of all machi equipm	inery and	Harvestad	cropland	Irrigated	land
Geographic area	Total (number)	Relative standard error ot estimate (percant)	Tαtəl (acras)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Sac Scott Shalby Sioux Story	1 035 973 1 177 2 015 1 138	3 3 3 3	359 677 230 461 351 387 472 363 327 081	.6 .7 .7 .6 .6	357 000 361 559 277 542 282 218 350 423	4.5 5.2 4.2 5.8 3.8	61 003 54 417 61 761 101 081 57 553	4.6 4.6 4.9 3.3 4.8	258 981 166 611 244 602 352 858 242 426	.6 .7 .8 .6	707 202 (D) 8 639 307	16.5 4.3 (D) 3.1 14.7
Tame Taylor Union Van Buren Wapello	1 404 774 693 783 899	.3 .5 .5 .5	417 178 291 057 233 595 244 939 211 685	.6 .9 1.0 1.0	286 898 180 517 185 510 160 879 155 927	3.8 3.3 4.5 5.1 6.4	78 233 27 207 21 636 27 555 27 971	4.5 6.3 7.2 8.9 4.9	274 884 141 043 101 216 108 140 116 921	.7 1.1 1.3 1.2 1.4	(D) - (D) 42 (D)	(D) (D) 27.0 (D)
Warren	1 310 1 158 743 1 235 742	.4 .3 .5 .3 .4	303 783 321 504 281 269 416 623 242 430	.9 .7 .9 .5	181 805 267 295 184 013 432 253 367 438	5.7 4.4 5.8 3.3 3.7	41 085 68 353 25 456 87 942 47 026	6.4 5.2 6.9 5.7 5.0	155 858 206 315 114 904 312 048 177 414	1.0 .7 1.1 .6 .8	57 48 - (D) (D)	16.9 21.5 (D) (D)
Winneshiak Woodbury Worth Wright	1 633 1 360 667 882	.3 .3 .4 .3	377 025 451 759 221 678 344 010	.7 .7 .8 .6	192 457 255 831 317 865 504 641	3.8 3.2 3.8 3.6	92 485 68 190 44 355 73 267	4.0 3.8 5.3 5.8	219 642 278 373 157 665 260 638	.8 .8 .8 .6	(D) 4 930 (D) (D)	(D) 7.3 (D) (D)
	Cattle and invant		Hogs and pig	s inventory	Corn for grai	n or seed	Wheat fo	r grain	Soybeans f	ar beans	Market value or products	
Geographic area	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Adair	62 601 42 485 88 346 50 221 44 301	1.1 1.4 .8 2.0 1.2	85 504 55 648 113 528 16 079 128 623	1.6 2.8 1.6 3.2 1.6	93 246 51 424 61 451 26 382 89 190	.8 1.4 .8 1.9	(D) 519 (D) 115 356	(D) 26.1 (D) 10.5 17.0	66 704 42 173 3 726 25 860 65 109	1.0 1.6 3.3 1.9 1.2	71 079 39 893 77 437 25 508 80 178	.7 1.0 .7 1.4 .6
Benton Black Hawk Boone Bremer Buchanan	71 528 24 204 24 331 34 300 37 083	.7 1.4 1.5 1.1 1.0	172 273 162 483 90 597 93 085 190 879	1.0 1.0 1.5 1.5	144 170 120 536 112 738 93 017 139 845	.5 .7 .7 .8 .7	302 134 167 (D) 135	11.9 15.4 7.7 (D) 12.1	126 534 88 213 122 615 52 660 71 922	.6 .8 .7 1.0	140 932 99 933 91 247 75 029 109 025	.4 .5 .5 .6
Buena Vista Butler Calhoun Carroll Cass	30 112 32 358 22 434 84 045 52 259	1.1 1.1 1.2 .7 1.1	212 076 192 796 104 890 277 305 93 655	.9 .9 1.6 .9 1.7	125 356 121 799 111 282 132 252 106 962	.7 .6 .7 .6	(D) 220 (D) 447 505	(D) 15.1 (D) 14.2 7.6	130 258 86 141 144 293 115 659 84 078	.7 .7 .8 .7 1.0	132 273 105 209 98 179 170 623 83 023	.4 .5 .6 .4
Cedar Cerro Gordo Charokea Chickasaw Clarke	37 738 12 904 61 492 41 260 41 203	1.2 1 6 .9 1.2 1.6	206 391 118 772 177 791 129 308 39 709	.8 1.1 1.1 1.4 3.4	138 757 123 528 111 626 99 779 37 261	.6 .6 .8 1.2	297 (D) (D) 215 162	6.8 (D) (D) 26.8 17.2	71 248 98 942 100 873 59 084 24 717	.9 .8 .8 1.2 1.7	104 711 83 002 119 253 85 162 27 280	.5 .5 .4 .6 1.2
Clay	32 833 111 580 63 452 67 100 23 978	1.1 .6 .9 1.1 1.6	113 582 282 887 155 812 163 737 62 884	1.1 .8 1.1 1.4 1.8	103 766 130 350 165 946 132 197 108 578	.7 .5 .7 .7	143 510 120 322	9.7 5.4 17.5 13.9	114 582 10 851 63 428 98 070 103 628	.8 3.6 1.0 1.0	93 702 144 817 115 717 111 095 78 495	.5 .4 .5 .6
Davis	39 154 51 643 79 043 18 114 25 849	1.4 1.1 .7 1.8 1.4	45 685 44 663 456 589 44 293 62 826	3.0 2.7 .6 2.5 1.9	40 121 33 659 152 360 70 934 67 152	1.4 1.5 .5 1.0 .9	589 304 275 690 166	8.5 9.8 9.3 5.2 21.4	31 948 31 224 26 262 50 976 74 062	1.7 1.9 1.2 1.2 1.0	33 396 35 571 167 550 43 779 64 239	1.2 .9 .4 .9
Dubuque Emmet Fayette Floyd Franklin	117 453 16 380 78 118 21 468 19 476	.7 1.5 .9 1.4 1.7	298 355 54 902 204 401 101 386 168 089	1.0 2.4 .9 1.3 .9	103 204 76 262 152 228 108 155 130 089	.8 .8 .6 .7	104 (D) 213 34 (D)	9.2 (D) 10.3 13.4 (D)	4 133 84 899 67 824 93 208 111 856	2.7 .9 1.0 .8 .7	153 085 56 925 135 367 78 949 110 938	.5 .7 .5 .6
Fremant Greene Grundy Guthne Hamiltan	24 694 23 691 32 392 42 797 9 014	1.2 1.2 .8 1.3 1.9	51 782 80 342 142 762 91 854 175 422	2.1 1.3 1.0 1.6 1.0	87 155 112 576 128 793 82 343 126 152	.8 7 6 1.0 6	577 139 68 124 (D)	9.7 19.1 25.9 2.6 (D)	107 022 139 225 103 749 72 201 133 655	.9 .7 .7 1.2 .7	67 911 89 981 120 898 64 788 133 865	.6 .5 .4 .8 4
Hancock Hardin Harrison Henry Howard	18 095 28 548 45 158 18 256 34 299	1.6 1.6 1.7 1.7 1.1	153 874 209 335 61 961 98 895 98 541	1.1 .9 2.0 1.3 1.2	128 403 128 885 124 451 76 628 86 835	7 6 1.0 .8 .7	(D) 1 101 301 122	(D) - 7.1 6.4 19.7	120 801 105 352 113 656 49 029 63 110	.7 7 1.0 1.0	97 752 115 469 81 515 55 693 66 773	.5 .4 .7 .6
Humboldt Ida Iowa Jackson Jaspar	19 778 42 915 58 270 105 376 59 053	1 6 1.4 1.0 .9	95 334 92 880 158 470 135 969 208 824	1.3 1.7 1.3 1.6 1.0	96 411 92 054 118 279 86 001 140 825	.8 1.0 7 1.1 7	(D) 79 111 542 65	(D) 17.9 8.7 3.9 14.4	111 004 69 740 48 725 9 467 102 143	.9 1.2 1.0 2.1 .8	77 786 80 294 91 299 93 723 119 686	.6 .7 .6 .7 .5

Table F. Reliability Estimates of County Totals: 1987—Con.

[For meaning of abbreviation	s end symbols,	see introduc	tory taxt]									
	Cettle and invent		Hogs and pigs	s inventory	Corn for grain	n or seed	Wheat fo	r grein	Soybeens fo	or beens	Market valua o products	f agricultural s sold
Geographic eres	Total (number)	Relative standerd error of astimete (percent)	Totel (number)	Reletive standerd arror of astimate (parcant)	Total (acres)	Relative stendard arror of estimate (percent)	Total (acras)	Reletive standard arror of astimata (parcent)	Total (acras)	Relative stenderd error of estimate (parcant)	Total (\$1,000)	Relative standard error of estimate (percent)
Jefferson Johnson Jones Keokuk Kossuth	24 063 44 479 71 782 38 002 34 963	1.7 1.2 1.1 1.5 1.0	77 588 201 494 196 170 187 744 232 616	1.9 1.1 .9 1.1	63 756 108 975 115 264 109 327 212 709	1.4 .8 .8 .7 .4	1 128 369 196 616 54	5.1 8.3 5.1 7.2 24.7	54 787 54 296 40 219 64 470 233 034	1.6 1.2 1.2 1.0 .5	44 126 94 864 109 533 85 338 173 436	.9 .5 .5 .7 .3
Lee Linn Louisa Lucas Lyon	33 765 46 537 13 375 39 752 69 260	1.5 1.0 2.2 2.0 1.2	105 496 127 753 66 270 28 113 200 491	1.5 1.2 2.3 3.0 1.4	67 487 124 735 72 324 28 860 117 416	1.0 .7 1.1 1.6	1 807 368 716 (D) 53	3.8 5.1 7.7 (D) 15.1	60 580 81 631 50 482 19 978 105 550	1.2 .9 1.4 2.0 1.1	56 758 92 818 42 271 23 117 135 613	.8 .5 1.0 1.4 .6
Madison Mahaska Marion Marshall Mills	47 876 47 081 35 063 36 041 21 503	1.4 1.1 1.4 1.2 1.5	71 853 231 333 129 745 110 052 42 997	2.5 .9 1.4 1.2 2.1	58 576 107 872 70 865 121 035 80 324	1.2 .7 1.1 .8 .9	120 94 235 140 673	7.8 10.1 9.3 17.7 7.8	51 363 79 429 58 702 81 281 80 845	1.4 .8 1.3 .9 1.1	57 338 111 789 63 716 90 288 55 111	.9 .5 .8 .5
Mitchell	35 450 36 886 41 441 29 584 26 833	1.0 1.3 2.3 1.5 1.5	145 781 57 242 31 726 61 284 91 269	1.2 2.1 4.3 1.8 1.9	96 111 127 574 26 349 73 645 81 722	.8 .7 2.2 1.1 1.0	338 1 151 104 482 737	4.8 4.7 13.8 4.3 6.0	72 951 97 936 19 212 72 597 54 102	.9 1.0 2.8 1.2 1.2	96 194 75 040 27 469 54 168 54 308	.5 .6 1.5 .7 .8
O'Brien Osceola Paga Palo Alto Plymouth	54 433 29 424 45 986 18 879 85 592	.8 1.6 1.0 1.7	219 771 97 240 82 672 113 704 333 224	1.3 1.5 1.4 1.3 .9	124 897 77 922 84 480 118 241 188 164	.7 1.0 .8 .6 .7	34 158 1 626 (D) 325	21.6 29.8 4.0 (D) 6.4	132 665 91 774 94 261 126 240 137 600	.8 1.1 .9 .6 .7	156 715 74 371 72 822 91 667 183 614	.4 .7 .6 .5
Pocahontas Polk Pottawattarnie Poweshiek Ringgold	17 817 14 334 73 730 52 353 52 034	1.2 2.3 .9 1.2 1.2	117 561 40 610 132 246 115 888 54 322	1.2 2.3 1.1 1.5 2.1	118 510 80 518 190 703 100 151 40 969	.6 .9 .6 .8 1.2	107 1 516 164 437	18.5 7.3 19.6 11.2	142 055 79 880 159 046 76 368 42 819	.6 1.0 .7 1.0 1.4	94 124 55 492 148 757 81 132 38 620	.5 .7 .4 .7 1.0
SacScottShelbySiouxStoryStoryStoryStoryStory	51 204 30 430 49 837 178 525 20 355	.8 1.2 1.1 .5 1.3	219 218 137 971 174 150 441 534 110 672	.9 1.4 1.4 .8	119 558 111 372 132 411 194 424 116 748	.6 .8 .8 .6	64 109 58 231 128	6.8 16.3 5.9 11.2 11.1	117 882 38 786 90 028 118 683 117 965	.7 1.1 1.0 .9	129 941 81 530 108 594 348 597 101 788	.4 ,6 .6 .3 .4
Tama Taylor Union Van Buren Wapello	47 664 40 041 45 072 29 876 25 907	1.2 1.7 1.3 1.6 1.6	138 669 62 873 44 487 56 843 48 166	1.4 2.3 3.1 2.1 2.8	146 615 55 044 40 799 41 462 49 900	.8 1.2 1.5 1.4 1.7	240 576 268 554 59	15.6 4.2 4.3 8.4 18.7	100 936 59 816 32 681 40 843 46 721	.8 1.4 1.8 1.7 1.8	105 643 40 437 39 630 32 952 35 435	.6 1.0 .9 1.1 1.2
Warren Washington Wayne Webster Winnebago	47 405 30 074 44 170 12 135 9 127	1.4 1.3 1.4 2.4 3.1	91 113 291 267 38 007 95 799 77 367	1.8 .9 2.3 1.5 2.0	69 880 116 371 43 055 138 143 87 427	1.2 .7 1.4 .6	207 876 343 (D) (D)	4.4 8.0 9.0 (D)	53 371 66 723 38 334 170 666 82 268	1.4 1.0 1.6 .6 1.0	54 969 113 286 34 630 112 144 57 541	.9 .5 1.0 .5 .8
Winneshiek Woodbury Worth Wright	103 658 74 222 13 566 8 914	.9 .9 1.5 2.0	183 559 144 487 71 694 73 215	1.4 1.5 1.8 1.4	103 614 162 688 77 320 119 346	.8 .8 .9	79 697 (D)	13.8 2.6 – (D)	18 580 86 671 72 543 137 106	2.3 1.2 .9 .6	120 561 127 445 56 004 85 033	.7 .5 .6 .5

TTING!!!	0 017	0	, 5 2.5			(-)	(-/						
	Selected farm production expenses¹												
Geographic area		and poultry hased	Commerci	Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business			
	⊺otal (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relativa standard error of estimate (percent)	Total (\$1,000)	Ralative standard error of estimeta (percent)	Totel (\$1,000)	Reletive standard error of astimete (parcent)	Total (\$1,000)	Relative standard error of astimate (parcant)			
AdarAdamsAllamakeeAppanooseAudubon	8 495 4 042 6 990 3 200 14 586	10.4 10.4 12.1 18.5 5.5	4 256 2 303 3 073 1 694 4 137	4.8 11.2 6.6 10.9 5.4	1 601 969 2 856 731 2 092	9.9 8.8 11.7 22.8 5.6	2 645 1 796 2 950 1 298 2 822	3.9 4.9 3.9 6.8 3.4	962 660 1 850 351 1 201	4.1 5.8 4.0 8.3 5.0			
BentonBlack HawkBooneBremerBuchanan	25 792 10 341 10 865 7 877 13 291	3.3 9 6 6.3 8.9 4 0	7 834 5 384 5 306 4 774 7 153	3.9 4.9 4.4 6.1 5.3	3 887 4 025 3 614 1 894 3 329	7.2 14.9 6.6 10.6 7.0	4 667 3 523 3 160 3 028 4 187	3.6 3.1 3.5 3.3 3.6	1 932 1 466 995 1 281 1 679	4.7 4.7 3.8 4.1 3.9			
Buena Vista Butler Calhoun Carroll Cass	20 857 15 227 13 886 42 663 16 310	2.9	5 397 5 959 5 255 5 561 4 074	4.2 4.6 5.7 5.0 4.7	5 208 3 081 2 682 4 439 2 175	5.7 7.1 11.7 5.3 4.2	3 811 3 682 3 080 4 388 2 992	3.1 2.9 3.7 3.4 3.5	1 580 1 525 (D) 1 862 1 024	3.5 3.7 (D 4.2 3.9			
Cedar Cerro Gordo Cherokee Chickasaw Clarke	16 900 4 641 26 445 13 196 2 412	12.4 4.3 5.6	6 076 5 444 4 600 5 505 1 801	4.6 4.2 4.0 5.1 10.0	2 683 2 835 2 988 2 593 517	1.8 9.0 9.3 10.2 13.6	3 644 3 969 3 480 3 428 1 525	4.1 4.0 4.7 4.6 6.8	1 518 1 131 1 660 1 455 470	3.2 4.4 5.2 8.4 13.4			
Clay Clayton Clinton Crawford Dallas	16 812 13 262 19 651 21 803 7 272	6.6 4.7 5.1	4 722 6 227 7 916 5 669 4 433	5.4 5.5 4.3 4.2 5.0	2 453 4 026 3 299 3 405 2 792	7.9 6.1 7.6 8.6 6.4	3 085 5 046 4 189 7 922 2 683	4.7 3.2 3.4 3.7 4.4	1 099 3 194 1 824 1 670 981	3.9 4.5 6.3 4.1 7.4			

Table F. Reliability Estimates of County Totals: 1987—Con.

[For meaning of abbraviation	is and symbols, s	ea introductory text	<u>., </u>	S	alacted farm pro-	duction expenses	l			
		and poultry lased	Commerci	əl fertilizer	Hired ta	rm labor	Petroleum	products	Electricity for th	e farm business
Gaographic araa	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (parcent)	Total (\$1,000)	Relativa standard arror of estimate (percent)
Davis Decatur Delaware Des Momes Dickinson	3 811	13.6	2 346	6.4	658	14.4	1 609	8.4	697	6.8
	6 112	7.8	2 067	9.2	1 141	10.6	1 558	5.5	494	5.7
	18 914	5.5	7 362	3.9	4 822	5.6	5 993	2.5	3 154	2.8
	3 392	8.9	3 198	5.9	1 253	8.7	1 700	4.1	576	7.6
	12 881	4.2	2 693	5.7	1 927	6.7	2 016	4.0	709	5.6
Dubuqua	23 907	5.5	5 505	4.3	5 614	6.9	5 202	3.2	3 011	3.2
Emmet	6 810	8.4	3 458	6.3	1 347	6.8	2 266	5.4	699	6.3
Fayatta	15 028	6.6	7 460	4.5	4 687	5.5	4 893	3.4	2 341	3.5
Floyd	8 386	6.9	4 613	3.4	2 906	6.2	3 252	4.0	1 133	3.9
Franklin	12 037	5 6	6 043	4.2	3 500	4.9	3 889	3.7	1 361	4.4
Fremont Greane Grundy Guthrie Hamilton	10 594	5.3	3 275	5 5	2 916	15.9	2 587	5.2	831	8.5
	7 690	9.9	5 201	4.1	3 225	5.4	3 285	3.6	1 079	5.2
	21 499	4.4	6 038	4.2	3 822	7.1	3 941	3.9	1 364	3.7
	7 284	7.9	3 446	5.3	1 390	5.1	2 701	5.1	961	4.7
	17 559	3.8	5 186	4.1	5 187	5.4	4 217	3.8	1 650	2.9
Hancock Hardin Harrison Henry Howard	12 061	6.9	6 261	4.5	3 235	8.8	4 066	3.9	1 361	3.8
	18 089	6.4	5 837	4.8	3 824	5.3	3 764	3.4	1 511	3.3
	9 680	9 0	5 722	6.6	2 542	7.4	3 218	5.4	1 336	5.7
	5 424	8.1	3 579	5.0	2 080	6.7	2 164	3.2	747	4.0
	6 624	6 7	4 323	4.0	2 250	8.7	2 938	3.9	1 181	6.2
Humboldtlda lowa Jackson Jasper	11 122 17 962 13 498 18 867 14 674	6.2 5.0 5.3 4.1 5.2	4 191 3 940 5 150 4 290 6 246	4.8 6.4 5.3 5.8 4.8	2 407 2 385 3 440 2 833 3 718	6.2 11.6 4.6 8.2 7.6	2 479 2 344 3 145 3 342 3 996	5.1 5.0 3.1 4.2 3.4	772 1 059 1 250 1 656 1 761	8.3 5.3 3.9 4.0 5.2
Jefferson	3 995	8.3	3 772	7.8	1 331	10.1	2 195	4.4	679	7.1
Johnson	11 232	4.7	5 091	4.3	3 196	10.9	3 496	2.7	1 363	3.3
Jones	24 464	4.5	5 934	6.7	3 182	7.5	3 814	3.8	1 535	4.1
Keokuk	7 785	9.1	6 144	4.3	2 661	7.3	3 774	4.0	1 160	4.0
Kossuth	18 591	3.9	10 184	3.5	5 156	6.9	7 143	2.9	2 280	3.8
Lee Linn Louisa Lucas Lyon Lyon Louisa Lyon Louisa Lyon Lyon Louisa Lyon Lyon Lyon Lyon Lyon Lyon Lyon Lyon	7 694	9.1	3 855	6.0	1 689	5.1	2 207	3.7	873	4.8
	12 303	5.1	5 911	4.0	4 045	10.4	3 971	3.2	1 601	3.7
	3 058	14.3	3 456	5.3	1 757	17.8	2 016	4.6	555	4.5
	1 823	15.0	1 692	9.1	653	24.7	1 200	7.8	378	7.3
	33 013	3.5	4 807	5.7	3 008	8.8	3 751	3.8	1 597	4.1
Madison	4 680	9.9	2 638	7.3	2 900	5.0	2 017	5.6	922	6.5
Mahaska	18 528	5.1	4 882	3.7	3 941	3.7	3 469	3.2	1 858	4.0
Manon	5 734	12.3	3 135	6.0	2 949	9.5	2 428	5.2	1 168	5.6
Marshall	11 583	4.6	4 790	4.4	4 109	7.4	3 428	2.9	1 474	13.3
Mills	8 069	4.2	3 246	3.5	1 629	4.6	1 856	4.7	698	4.5
Mitchell	14 561	4.8	4 236	4.5	2 864	3.8	3 354	3.1	1 314	3.2
	12 163	6.5	5 768	6.3	2 202	8.9	3 124	6.3	986	5.3
	4 555	14.3	1 899	18.4	810	38.6	1 461	8.3	412	10.5
	8 825	13.8	3 455	6.8	1 946	10.6	2 334	4.5	829	5.6
	5 730	9.1	4 109	5.0	2 326	10.8	2 478	4.6	922	5.3
O'Brien	35 703	2 4	6 726	5.8	3 489	6.7	4 260	3.7	1 923	4.1
Oscaola	12 450	6.8	3 300	5.6	1 731	10.2	2 454	4.9	907	4.8
Paga	9 214	7 4	3 459	6.2	4 783	6.2	2 361	4.7	949	5.4
Palo Alto	12 055	7.7	5 608	4.5	2 630	6.3	3 409	4.3	1 168	5.2
Plymouth	42 134	3.1	7 086	3.4	3 807	4.0	4 976	2.8	2 429	3.6
Pocahontas	12 261	5.0	5 255	5.3	2 176	7.3	3 319	3.6	1 211	7.2
Polk	2 955	9.5	4 227	6.0	2 756	9.9	2 202	4.3	602	5.5
Pottawattamia	27 917	3.0	7 931	4.1	5 261	5.6	5 497	3.1	2 183	3.0
Poweshiek	8 471	9.3	4 813	5.8	2 452	6.2	3 087	4.0	1 098	4.4
Ringgold	4 186	13.4	2 169	7.2	1 173	15.0	1 707	5.5	584	5.9
Sac Scott Shelby Sioux Story	28 172	2.6	5 015	4 6	5 331	11.6	3 681	3.2	1 475	4.3
	12 317	6.3	4 645	4.3	2 375	10.3	3 319	3.5	1 133	4.2
	19 464	5.5	5 904	4.9	2 282	6.4	3 703	4.3	1 737	3.9
	115 970	1.4	8 512	3.3	10 046	2.4	6 066	2.6	3 381	2.9
	13 361	5.1	5 161	4.2	4 302	7.5	3 428	3.4	1 472	4.3
Tama	11 351	7.1	6 764	4 2	3 771	9.5	4 110	2.9	1 596	4.4
Taylor	3 591	21.8	2 305	8.0	1 077	10.9	1 900	5.0	665	6.8
Union	7 814	7.6	1 858	9 8	1 178	14.8	1 483	7.1	(D)	(D)
Van Buren	3 002	14.3	2 494	12.5	1 276	9.8	1 356	5.5	566	5.0
Wapello	4 480	13.8	2 380	8.1	1 104	14.7	1 614	5.1	457	7.2
Warran	5 877	11 6	2 798	5 5	2 246	6.9	2 218	4.3	845	5.0
	11 576	7 2	5 143	4 6	4 100	6.6	3 948	3.2	1 492	5.0
	4 639	22.2	2 137	9.9	611	9.3	1 619	7.3	519	10.1
	5 937	13.3	5 779	4.7	5 006	9 7	3 937	3.6	1 463	3.5
	4 985	11.9	3 752	4.9	1 321	9.3	2 509	3.9	862	5.4
Winneshiek	15 134	93	4 970	4 8	3 481	7.1	4 437	3.4	2 319	4.0
	30 308	32	7 095	4 0	3 151	4.4	3 767	3.0	1 649	3.9
	6 508	72	3 660	4 7	1 332	7.8	2 432	3.3	700	4.3
	7 223	84	5 422	4 8	2 628	15.4	3 183	4.3	994	5.3

Data are based on a sample of farms

Table G. State Coverage Evaluation Estimates of Farms Not on the Mail List: 1987

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

	Not on i	nail list	Percent not	t on mail list
Item	Total number	Relative stendard error of estimate (percent)	Total parcant	Standard error of percent
Farmsnumberand in farmsacres	5 573 337 241	8.4 38.5	5.0 1.1	.4 .4
Farms by size: Less than 50 acres	4 503 1 070	10.2 3.1	19.2 1.2	2.0 (Z)
Harvested croplandferms acres	3 190 206 697	22.5 40.6	3.3 1.0	.7 .4
Farms by value of sales: Less than \$2,500	2 563 3 010 1 089 1 941	17.0 2.6 2.6 2.7	22.6 3.0 7.2 2.3	3.8 .1 .2 .1
Market value of agnicultural products sold\$1,000	61 063	38.1	.7	
Farms by standard industrial classification: Crops (01)	1 514 4 059	2.7 11.2	2.8 7.3	.1 .1 .8
Farms by tenure of operator: Full owners farms Part owners and tenents farms	3 679 1 895	6.5 21.4	7.1 3.2	
Operators by principal occupation: Ferming	1 509 4 064	3.0 11.2	2.0 12.0	.1 1.8
Avarage age of operatoryears	45.5	(Z)	(X)	(X

Note 1: Farms classified as nonfarms, nonfarms classified as farms, and farms appearing more than once in the census are not accounted for in these estimates, but will be provided in the 1987 Coverage Evaluation publication. See appendix C for futher explanation.

Note 2: Detail may not add to total due to rounding.

APPENDIX D. Report Form and Information Sheet

DUE BY FEBRUARY 1, 1988						4. Approval Expires		
UNITED STATES CENSUS AG CENSUS USA U.S. OEPARTMENT OF COMMERCE BUREAU OF THE CENSUS CENSUS OF AGRICULTURE	THE CENSUS I only for stetisti The lew also pr	sponse to this inquiry is required 3UREAU IS CONFIGENTIAL. It in cal purposes. Your report CANN ovides that copies rateined in yo ence perteining to this report,	ney be OT be ur file:	seen only by used for purp ere immune t	swom Censu pages of texetic rom legal produce ir Census File	s employees e on, investigetic cess.	nd me	y be used
Please complete tipe Compand RETURN TO BUREAU OF THE CENSUS 1201 East Tenth Street 1201 East Tenth Street 1201 East Tenth Street 1201 East Tenth Street		-				\neg		
Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us. If you received more than one report form, enter extre census File Number(character) and the control of the control								
CENSUS 036 036 037 038 USE 0NLY 039 040 041 042	Please cor	rect errors in name, address, and	ı ZIP C	Code. ENTER:	street and nun	nber if not show	NΠ.	
SECTION ACREAGE IN 1987 Report land owned, rented, or us by you, your spouse, or by the partnership, corporation organization for which you are reporting. Include ALL LAREARDLESS OF LOCATION OR USE—cropland, pastureland, rangeland, woodland, idle land, house lots	n, or AND,	INSTRUCTIONS — Please Use section 7 to report Of and section 8. DO NOT IN	CLU	hose CROP DE crops gr	S NOT lista own on land	d in sections d rented to o	thers	rough 6
If the ecres you operated in 1987 changed during the year,	3, 510.	In 19877	the fe		PS harveste	d from "THIS	_	
refer to the INFORMATION SHEET, section 1. None No	umber of acres	1. Com (field) for grain or	None	Acras hervested	Quantity	harvested		Acres rigated
1. All land owned		ary briance troight basis, t		070	071	Bu.	072	
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services,	14	2. Com (field) for silege or green chop			089	Tona, graen	080	
payment of taxes, etc. Include leased Federal, State, and railroad land. (DD NOT include land used on a per-head basis under a		3. Soybeans for beans		564	656	eu.	SSB	
grezing permit.) Also complete item 5 below	15	4. Beans, dry edible		073	074	Cwt.	075	
3. All land rented or leased TO DTHERS, including land worked on sheres by others and land subleased. Also complete item 6 below.		5. Wheat for grain		07e	077	Ви.	07B	
4. Acres in "THIS PLACE" — ADD acres owned (item 1)	048	6. Oats for grain		078	080	Bu.	081	
and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		7. Barley for grain 8. Rye for grain		686	687	Bu.	688	
For this census report these are the acres in "THIS PLACE."		6. Hye for grain	ш	062	083	DR = Bu.	084	
If the entry is zero please refer to the INFORMATION SHEET, section 1. 5. If you rented land FROM OTHERS (item 2), enter the following information for ea		9. Sorghum for grain or seed (including mile)		DBS	086	Cwt.	087	
	lumber of acres	10. Sorghum for silage or green chop (Do not include		043	000	Tons.		
		sorghum sudan crosses./		662	663	green Lbs., shalled	664	
		12. Tobacco — all types		094	Oos	Lbs.	096	/10
List additional landlords on a saparata sheet of paper.		13. Potatoes, Irish		097	0 086	Cwt.	099	/10
11 you rented land TD DTHERS (item 3), enter the following information for Name of renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter Mailing eddress (Include ZIP Code) Name of Renter M	each renter. Jumber of acres	or harveste	d from	n "THIS PLA Haudan cross	CE" in 1987 es and hay c	AGE, or GRE	res.	
		If cuttings were made for bo from the same fields, report HAY and also under GRASS	th dry	hay and grass :	ilege, haylage, propriate items	or green chop under DRY		
a. Of the land you rented or leased to others, how many acres did you own?	Acres	1. DRY HAY (If two or mo hay were made from the sa acres only once, but report cuttings.)	ore cui	tings of dry	Acres harvested	Quentity harveste (Report either or green weig indicated:	dry ht as	Acres irrigated
7. Did you have any grazing permits on a per-head basis?		Alfalfa and alfalfa mixing or dehydrating			103	104	Tons, dry	105
1 Yes — Mark (X) all boxes which apply { 4 Taylor Grazing : 6 Indian Land	Sec. 3 (BLM)	b. Small grain hay — oat barley, rye, etc			106		Tons.	108
2 ☐ No – Go to item 8	לאַ	c. Other tame dry hay — timothy, bromegrass, millet, etc	clove Suda:	er, lespedeza, ngrass,	109	110	Tons, dry	111
8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"					112	113	Tons,	114
agricultural products raised or produced?	Number of acres	d. Wild hay 2. GRASS SILAGE, HAYI GREEN CHOP (If two o were mede from the same acres only once, but rapor	LAGE r more acres	AND cuttings report tons from	115	116	Tons,	117
b. If you also had agricultural operations in any other Other	59	all cuttings.) 3. HAY SOLD — Did you or grass silage in 198 of hay sold in section 9, ite	u sel 177 <i>(</i> 8	II any hay eport value	178 1 Ye		green lo	

SECTION 48 Were	any VI E from	GETABLES, S	WEET COI 'In 1987?	N, MEL Do not h	ONS, e nc <i>lude</i>	tc., herve	ested FOF	R	SECTION 6 We		TRAWBERRI CE" in 1987					
S4	e use.)								Se							
	YES NO	- Complet		949							Compi	ete this	section			
2	NO	- Go to soc	tion 5						2 [□ мо	- Go to s	ection 7				
			Whole	Acres	Tenths		as irrigate				Acres han	ested			Acres irri	oated
 Lend from which v harvested in 198 			375	1	/10	376	1	/10	Crop name	Code	Whole ecres		1	harvested	Whale ecres	
2. From the list below	, enter	the crop name	and code fo	r each c	rop her	vested in	n 1987.	7.10	Strawberries	536		/10	637	Lbs.	536 611	/10
each crop. Report	crops g	rawn under pro	tection in s	ection 5					Blackberries	509		/10	1810	Lbs.	011	/10
Crop na Sweet com	me	Co.		es harve	sted /10	462	es irrigate						613		514	ļ
Tomatoes			33		/10	454		/10	Blueberries, tame	612		/10	534	Lbs.	635	; /10
Tomacoes			•		/10	1	<u>-</u>	/10	Raspberries	533		/10		Lbs.		/10
					/10	1		/10	Other berries — Specify	539		1	540		541	!
					/10	1		/10	.,			1 /10		Lbs.		//10
					/10			/10	If more space is needed						W. 4007	
If more space is needed, a Crop name	se a sep Cod			Code	Cros	neme		Code	Sme	oll grain	THER CROPS s, field seeds,	sugar b	eets, sunflo	wers, mint,	or other cro	ps
Asperegus Beans, snap (bush and po	37	Foonlant .		. 415	Pepp	ars, hat		445	3/	•	sly reported?			tion 8.)		
Broccoli	38	3 Kele B Lettuce an	romaine .	. 425 427	Redi:	shes		457			- Compl		section			
Cabbage, head Cantaloups and	39	1 Lime bean: Mustard gi	eens	429	' Squa	ish	• • • • • • • • • • • • • • • • • • •	459			- Go to s		and seeds from	aa dha liad b		
muskmelons	39	7 Onions, gr	en	435	Wate	ermelons		467 473	For those crops not Repart quantity harv	ested in	unit specified	with co	op name.	om tile list L	elow.	
Cauliflower	40	1 Parslay	,	439	Othe Spe	r vegeteb ecifγ	bles —	476	Crop name	0	Code Acres h	arveste		y harvested	1	rigated
Cucumbers and pickles	41	Peppers, s	veet	443					Sugar beets for sug	ar	719		720	To		
SECTION 5% Were	env Ni	JRSERY and G	REENHOU	SE CRO	PS. MI	ISHROO	MS sod		Alfalfa seed		642		543	Lbs		
bulbe	, flowe	rs, flower seed	c, vegetab	e seeds	and ple	ints, vege	etables un	nder	Red clover seed		671		672	Lbs		
		— Complet			on tr	IIS PLAC	.E IN 190	3/1	Sorghum cut for dry forage or hay		666		699	Tor dry		
2 🗆	NO	— Go to sec	tion 6	‴ ⊏	-	Area irrig	ated		Sunflower seed		734		735	Lbs	738	
1. Nursery and green	haaa a				quare fe	et A		anthe	Proso millet		665		eee	Bu	ee7	
					-		i	/10	Mint for oil		644		845	Lbs		
2. From the list below	, enter			r each ci	rop gro	wn,			IVIIII TOT OII	_	044		 	of c	, , , , , , , , , , , , , , , , , , ,	
Crop name	Code	Square fee	or Acias	in the or	pen	Sele	s in 1987	,					+			
		other protect in 1987		cres Ter	nths	Oolla	ers (Cents		_			 			
			_ 1	i	/10 \$			00					 			
			1		/10 \$		1	00	If more space is needed,	usa a sa	parate sheet of	paper.				
			'		/10 \$		i	00	Crop name		Co		Crop neme			Code
If more space is needed, u Crop name	ise a sep	erate sheet of pa Cod		ume.				Cods	Bromegrass seed (pou Buckwheat (bushals)		57		Sorahum hoa	naed or preze		
Bedding plants (Includa Bulba (Exclude bulb flox	vegetat	le plants) 479	Potte	flowers	ng plant	9		710	Com cut for dry fodde or grazed (report acr Cotton (beles)	es only)	66	1 1	Sweetclover	seed (pound	(s)	. 737
Cut flowers and cut flo Nursery crops — orner	rist gred antals.	ens 485 fruit	Sod h	ervested abla and	flowers	seeds		487 500	Emmer and spelt (bush Fescue seed (pounds)	als)	66	9 ' '	Friticale (bus /etch seed (p	shels) oounds)		. 749 . 756
and nut trees, and vin Foliage plants	es	466	Grean	housa ve	getable	S		503	Grains, mixed (bushels Lespedeza seed (pour	31	61	4 (Other crops ((pounds) —	Specify	. 762
SECTION 8 Was	there e	combined tota	of 20 or m	ore FRU	IT TRE	ES, inclu	uding GR	APEV	NES and NUT TREES.	on "Th	IIS PLACE" i	1987?				
se ı 🗆	YES	- Complet	this section	n		_										
2 🗆	NO	- Go to sec	tian 9			-	Total Whole acre	acres	Acres irrigat							
1. TOTAL ACRES in and nut trees on th						12		- 1	/10	/10						
2. For those crops not	listed l	below, enter th	e name and	code fro	m the				7.10	his place	e in 1987.					
		NUME TREES OR	ER OF		Acres is	n trees	<u> </u>		Unit of measur	е						
Crop name	Code	Nonbearing	Bearing	$\overline{}$	all a			uantit rveste		Lbs.	7					
		age	age	125	ole acre		128		127	128		eman qo			Code	
Apples	123		226	227		/10			228 2 3		- Cr	erries .			201	
Peaches	225	<u></u>	178	178		/10	0 180		1 2 3		Pe Pe	ers			231	
Grapes	177		1	2		/10			1 2 3	15	Pte Pe	ıms end cans	prunes		336	
	-			- -		/10	٥		2 3 5		Ot	her fruit	and nuts — S	Specify	369	
				1		/10	0		10 20 30	1						
				2		/10	ه ا		1 0 2 3 5	1,	J					
If more space is needed, a FORM 87-A0202 (6-20-86)	150 8 SOC	arate sheet of pa	per.								<u>-</u>					

SECTION 9] GROSS VALUE of CROPS SOLD from "THIS PLACE" In 1987, BEFORE S8 tases and espenses (Refer to the INFORMATION SHEET, section 9.)	SECTION RE Did you or anyone else have any CATTLE or CALVES on this place in 1987?						
Report your best estimate of the value for each of the following groups of crops sold	1 YES — Complete this section						
from this place in 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.	2 NO — Go to section 14 INVENTDRY Number on this						
1. Grains, soybeans and other beans sold in 1987 None Dollars Cent	DECEMBER 31, 1987 INVENTORY None place Dec. 31, 1987						
a. Com for grain	1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below)						
b . Wheat	a.BEEF COWS — Include beef harters that						
c. Soybeans	had calved						
d. Sorghum for grain	b. MILK COWS kept for production of milk or						
a. Barley	cream for sale or home use — Include dry Milk milk cows and milk heifers that hed calved						
778	60e Heifers and						
f. Oats	C. HEIFERS AND HEIFER CALVES — (Do not include heifers that had celved.)						
popcorn, proso millet, etc	A CTEEPS CALLES PULLS						
2. Cotton and cottonseed	AND BULL CALVES						
3. Tobacco	CATTLE AND CALLED						
4. Hey, ailege, field seeds, and grass seeds	CATTLE AND CALVES SOLD FROM THIS PLACE IN 1987						
5. Vegetables, sweet com, and melons — (Do not include	Include those fed on this place on a contract or custom basis. Also report in 1987 Gross value of sales						
Irish potatoes and sweetpotatoes, report them in item 7 below.)	as sold cattle moved from this place None Dollars Cents to a feeding for further feeding.						
6. Fruits, nuts, and berries — apples, peaches, strewbernes, etc	2. Calves weighing less than 500 pounds \$ 00						
7. Other crops — potatoes, mint for oil, sugar beets, etc.	3. Cattle, including calves weighing						
(Do not include nursery and greenhouse crops.) —	500 pounds or more						
SECTION NO How were the ACRES In this place USED in 1987?	e . Of the total cattle sold, how many were FATTENED on this place on GRAIN or 612 613						
S10	CONCENTRATES for 30 days or more						
1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 Acres	end SOLD for SLAUGHTER? \$ 1 00						
NOTE: For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland	DAIRY PRODUCTS SOLD FROM DAIRY PRODUCTS						
harvasted and elso pastured, only as "Cropland harvested." 2. CROPLAND None Number of ecres	THIS PLACE IN 1987 None Dallers Cents						
2. CROPLAND a. Cropland harvested — Include all land from which crops 787	4. Gross value of sales of DAIRY PRODUCTS						
were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.	from this place in 1987 — Include milk, cream.						
b. Cropland used only for pasture or grazing — Include rotation 788	SECTION(101) Did you or anyone else have any HOGS or PIGS on this place in 19877						
pasture end grazing land that could have been used for crops without additional improvements.	1 YES — Complete this section INVENTORY						
789							
C. Cropland used for cover crops, legumes, and soil-	2 NO — Go to section 15 Number on this						
c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured	2 NO — Go to section 15 None Place Dec. 31, 1987						
c. Cropland used for cover crops, legumes, and soli- improvement grasses, but NOT hervested and NOT pastured	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY Number on this place Dec. 31, 1987						
c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below)						
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT hervested and NOT pastured d. Cropland on which all crops failed — (Exception: Do not report here land in archards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.) a. Cropland in cultivated summer fallow	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) a. HOGS and PIGS used or to be used for BREEDING Breeding						
c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) a. HOGS and PIGS used or to be used for BREEDING b. OTHER HOGS and PIGS						
c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured	2 NO — Ga to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) a. HOGS and PIGS used or to be used for BREEDING b. OTHER HOGS and PIGS • LITTERS FARROWED						
c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured d. Cropland on which all crops feiled — (Exception: Do not report here land in archards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.) a. Cropland in cultivated summer fallow 1. Cropland idle 3. Woodland — Include all woodlots and timbar tracts and cutover and deforested land A. Woodland — Include all woodlots and timbar tracts and cutover and deforested land	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) a. HOGS and PIGS used or to be used for BREEDING b. OTHER HOGS and PIGS • LITTERS FARROWED 2. LITTERS FARROWED on this place between — None Number of litters						
c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) a. HOGS and PIGS used or to be used for BREEDING b. OTHER HOGS and PIGS • LITTERS FARROWED 2. LITTERS FARROWED on this place between — None (6 18 and b) a. December 1, 1988 and May 31, 1987						
C. Lropland used for cover crops, legumes, and soil-improvement grasses, but NOT hervested and NOT pastured d. Cropland on which all crops feiled — (Exception: Do not report here land in archards and vineyerds on which the crop failed. Such acreage is to be reported in item 2a.) a. Cropland in cultivated summer fallow f. Cropland idle 3. Woodland — Include all woodlors and timber tracts and curvoer and deforested land with young timber growth. b. Woodland not pastured 795 795 796 797 798 799 799 799 799 799	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) • A, HOGS and PIGS used or to be used for BREEDING • LITTERS FARROWED 2. LITTERS FARROWED 2. LITTERS FARROWED On this place between — None (518) • December 1, 1988 and May 31, 1987 • Litters FARROWED None (618) • Litters						
c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) • A, HOGS and PIGS used or to be used for BREEDING • LITTERS FARROWED 2. LITTERS FARROWED 2. LITTERS FARROWED On this place between — None (518) • December 1, 1988 and May 31, 1987 • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518) • Litters FARROWED On this place between — None (518)						
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c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT hervested and NOT pastured d. Cropland on which all crops feiled — (Exception: On not report here land in archards end vineyerds on which the crop failed. Such acreage is to be reported in item 2a.) e. Cropland in cultivated summer fallow f. Cropland idle 3. Woodland — Include all woodlots and timber tracts and with young timber growth. 4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture. 5. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 Fishould be the same as item 1 above.	2 NO — Go to section 15 • DECEMBER 31, 1987 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below) a. HOGS and PIGS used or to be used for BREEDING b. OTHER HOGS and PIGS • LITTERS FARROWED 2. LITTERS FARROWED on this place between — None a. December 1, 1988 and May 31, 1987 b. June 1, 1987 and November 30, 1987 Promote Titters 618 816 Number of litters 618 816 Number of litters 618 819 Number of litters 618 819 Number of litters 618 819 Number of litters 618 819 Number of litters 618 819 Number of litters 618 819 Number of litters 618 819 Augustian of litters 618 Augustian of litters 618 Augustian of litt						
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FS	ECTION 16 Did you or anyon	ne else have any H	ORSES, SEES, FIS	H, GOAT	rs, in 18877	_	SECTION 18 GOVERNMENT CCC LOANS		
ı	516	Complete this see			to section 1	,	1. Amount received in 1887 from Government CCC loans for — Name [
		INVENTORY		Cons	se value of se		Include regular and reserve loans, even if redeemed or forfeited.	Dollars 888	Cents
	None	Number on this place	Total quantity so in 1987					887	00
1	. Horses and ponies None	Dec. 31, 1987	831	832	Johnary 1	Centa	J. Wildet	888	00
1	of all ages		Numb	1		00	c.Soybeans	\$	00
		839	Numt 941	٦)	į		d. Sorghum, barley, and oats	880	00
2	. Colonies of bees		hone			00	e. Cotton	\$	00
l		843	Numb	846	- !		1. Tobacco, rye, end honey	891 \$	00
۱,	Milk goats	1	648 Gallo	7)		00	SECTION 198 Payments received for participation in FEDERAL FA in 1887 (DO NOT INCLUDE CCC loans.) Refer to INI		MS
	years	647	840	850	i		SHEET, section 19. None	Dollars	Cents
۱.		· · · · · · · · · · · · · · · · · · ·	849 Pounc	" }	}	00		884	1 00
1	Angora goats	881	moha #52					\$ 685	00
5	Other goats		Numb	er \$	Ì	00		\$	00
8	. Mules, burros, and	833	834	638	- 1		SECTION 20% TYPE OF ORGANIZATION		
	donkeys	936	Numb 837	er \$ 638		00	Mark (X) the one item which best describes the type of organiza	tion for	
7	Mink and their palts		Numb		į	00	this place in 1987. Refer to the INFDRMATION SHEET, section 20.		
8	. Rabbits and their	954	888	876	i		FAMILY or INDIVIDUAL operation — 921 (Do not include partnership and corporation.) 1	٦,	
ı	pelts		Numb	er 9		00	PARTNERSHIP operation — include femily	} Go to se	ection 22
"	All other livestock and livestock products	887	858	400	-		partnerships. 2 L • INCORPORATED UNDER STATE LAW	′	ection 21
	Specify	L	Numb	er \$	i	00	OTHER, such as estate or trust, prison farm, grazing		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10	. Fish and other aquaculture	Total quantity in 1987					association, Indian reservation, etc	Specify go to se	below then ection 22
	products (Enter name and code from list below.)		Dollars	Cents	*		Specify		
	Name Code	ORPC		00			SECTION 21 CORPORATE STRUCTURE (for incorporated operated	done only)	
	Name	Code	Meme	<u> </u>	Code		Refer to the INFORMATION SHEET, section 21.		
	Catfish		Other fish - Speci Other squeculture	fy			1. Is this e family-held corporation?	٦ Yes 🦪	. □ No
	If more space is needed, use a sepa		products - Speci	fy	868				
8	Did you or anyor	ne else have any PC	DULTRY, such as Clace in 1987? — In	HICKEN	IS,		2. Are there more then 10 stockholders?		No
	for others on a c	contract basis.		TORY	1		or person in charge) Refer to the INFORMATION SHEET.	section 22.	paruler
	ı 🔲 YES 🗕	Complete this se	Num	per on	Total num sold in 19		1. RESIDENCE — Does the operator (senior partner or 923	_	
		Go to section 18	None Dec. 3	, 1987	893		person in charge) live on this place?	_ Ye\$ 2	. ∐ No
	HENS and PULLETS of leying PULLETS for laying flock repl				\		2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority 150 percent or		
-	a.PULLETS 3 months old or old		g ege 🔲 🍱		098		I more) of his/her worktime in 1987/ For partnerships -	Farming 2	
	b.PULLET CHICKS and PULLET (Do not include commercial brown	TS under 3 months	ofd 988		 		929	or ranching	3
3.	BROILERS, fryers, and other i				899		(senior partner or person in charge) work at least	None □ 1–49 day	u e
	including capons and roaster	rs					at a nonfarm job, business, or on someone else's farm for	50-99 de	
4.	TURKEYS • .Turkeys for slaughter (Da na	at include broaders)	_ *••		901			100-149	-
	b.Turkey HENS kept for bree				903			150 – 199 200 daγs	
5.	OTHER POULTRY raised in ca						4. In what YEAR did the operator (or senior partner) begin		
	geese, pigeons or squab, phe (Enter poultry name and code from	asants, quail, etc.	•		 .		to operate any part of this place?	Ye	ar
	Poultry name	Code			'		5. AGE of operator (senior partner or person in cherge)	٧٥	ers old
	Poultry name.	Code			1		924		era ord
	Name Code	Name	Code Ner		Code		1	☑ White ☑ Negro or 8	Mack
	Ducks	Pigeons or squab Pheasants	910 All	ther poult	try —],[Americen	
6.	POULTRY HATCHED on this pla	ace in 1987 and	None	Numba	914		6. RACE of operator (senior partner or person in charge)	Asian or Pa	acific
	pleced or sold - chickens, turk		816	. 1011101		_	٥٤	Other – s	pacify
_	Specify kind of poultry						_		
7.	Incubetor egg capacity on De	ecember 31, 198	7 🏻 🖳				7. SEX of operator (senior partner or person in charge)] Male 2	☐ Female
			Gross velu						
8.	What was the gross value of sa poultry and poultry products (e.g.,	les of Non-	8 Oollers	i	Cents		8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spenish origin or descent 927	7 v	□No
FORM	etc.) from this place in 1987?	<u></u>	\$		00			Yes 2	_ 40
	**	Page 4					Pege 5		

SECTION 28. PRODUCTION EXPENSES paid by you and other		SECTION 257 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PERTICIDES, or OTHER CHEMICALS used on this place in 1987?									
Include your best estimates of expenses paid by you, your landlord	d. contri	ectors			925			_			
buyers, and others for production of crops, livestock, and other ag In 1987. (DO NOT INCLUDE expenses connected with performin others; operation of nonlarm activities, businesses, or services; or	pricultura g custa	al products mwork for			clude eny materials	provided by	mplete this section you, your landlords	, or contract	ors. For		26
expenses not related to the farm business.)	Vona	Dollars	Cents		ted, report acres or eated for each purp		ultipurpose chemic	eis were use	a, repart	ecreage	
Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults.	□ 6	71	00		herbicide, insecti	cide, nemeti	gents, etc., (fungi cide) to control —		None	Acres on v used	
2. Feed purchased for livestock and poultry — grein,	97	72	1			•	g hay			937	
			00		c. Diseases in c	-	hards iblights,	• • • • • • •		936	
 Commercially mixed formule feeds purchased — complete, supplement, concentrates, premixes. 						•			. ப	638	-
(Do not include ingredients Nona Dollers Continued separately, such as soybean meal, cottonseed meal, and urea.)	Cants 00				Include both pre Chemicals for de	emergence a foliation or	n crops and pastur and post emergence. for growth contr		-	940	
3. Seed cost — for com, other grains, soybeans, tobacco.	97	<u>0:00000000000000000000000000000000000</u>					D EQUIPMENT on			her 21 1887	
cotton, etc. — Include plants and trees purchased	☐ \$	75	00	9.0.	828 Inclu	de only equit	oment used for agri	cultural ope	rations i	n 1986 or 18	87.
Commercial fertifizer purchased — all forms, including rock phosphate and gypsum. Include cost of custom applications	□ s		. 00	•	Value of ALL mac	thinery and ec	quipment on this pi	ace, Decemi	per 31, 1	987	
5. Agricultural chemicals purchased — Insecticides,	97	70					value of ALL med		Estim	eted market v	value
herbicides, fungicides, other pesticides, etc. — Include cost of custom applications. (Do not include lime.)			00		end used for the	ferm or rend	isually kept on this h business? — <i>Inc</i>	ude cars.	943	Dollers	Cents
6. Gasofine and other petroleum fuel and oil purchased for the farm business —	87	77			pumps, motors, irri	lostion equipm	e, dieks, harrows, dr nent, deiry equipmen feeders, grinding an	t includina	943		!
			00		equipment, etc	· · · · · · · · · · · ·		· · · · · ·	8		00
b.Diesel fuel	☐ 8		00	•	SELECTED machi	inery and equ	Ipment on	Total nu		Of the total, MANY were n	HOW
c. Netural gas	☐ [87]		00		this place, Decem only if used in 198		7. (Report None	on this p	ece on 31, 1997	tured in the les (1983 - 19	t 5 veers
d. LP gas, fuel oil, kerosane, motor oil, grease, etc	□ [s		00	,	Motortrucks - In	selvela alekuma	_	944		946	
7. Electricity for the farm business - (Do not					Wheel tractors of	ther then ger					
Include household expenses.) 8. Hired farm end ranch labor — also include employer's cost			00		and motor tillers a. Less then 40		(PTO)	945		947	
for social security, workman's compensation, insurance premiums, pension plans, etc. (See INFORMATION SHEET)		B 2		ı	b. 40 harsepowe	er (PTO) or m	nore 🗀	948		949	
9. Contract labor — Include expenditures for labor, such	רי ויי		00		Grain and bean of		types	958		957	
as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, craw	-1	83			Mower condition			968		969	
leader, a cooperative, etc			00	7.	Pickup balers — I	Include rectan	gle 🔲	980		981	
upkeep of buildings, motor vehicles, end ferm equipment		84	¦	₹ŠĒ	CTION 27% EST	MATED CUP	RENT MARKET V	ALUE OF LA	ND and		
14 Contaminate machine him and contail of	ľ				S27 BUIL						
11. Customwork, machine hire end rental of mechinery and equipment — include expenditures for use of equipment and for customwork such as grinding			1				TE of the CURRENT or ell acres reported			neted market land and build	
and mixing feed, plowing, combining, com picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Do	91	96		ı	section 1, items 1	, 2, end 3, pa	ige 1.	Nor	999	Dollers	Cents
not include cost of cotton ainping and epplication of	□ s		.00	1.	All land owned			🗆	\$		00
12. Interest paid on debts — (See INFORMATION SHEET)	□ °	98	! ! 00	١,	All lend rented or	leesed FRO	M OTHERS	🗖	997		1 00
a.Secured by real estate		87	1						996		-
, , , , , , , , , , , , , , , , , , , ,	□ s	88	00				ARM - RELATED S		1927		00
13. Cash rent paid for land end buildings in 1987— (Do not include grazing feee.)	□ [\$		1 00				ceived before taxe		es		
14. Property taxes paid — include ferm real estate,	91	88	1	1.	Customwork and	d other egricu	ultural services pr	vided for	_	Dollers	Cents
mechinery, fivestock, etc. for the ferm business. (Do not include taxes paid by landlords.)	□ §		00		fermers end other	ers — plowing eration of pro	g, planting, spray) aducts for market.	ng, etc.	98	92	
15. All other production expenses — Include insurance,					(If customwork is a SHEET, section 28	separate busi	iness, refer to INFOR	MATION	□ s		00
water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation,	9:	90	:	2.	Gross cash rent	or share pays	ments received fro	m renting	<u> </u>		
household expenses, end expenses not associated with the ferm business.)	□ \$		00		allotments - Incl	lude payments	elved from lease of for livestock pasture	ed on	99	93	. 00
SECTION 24% Was any COMMERCIAL FERTILIZER, including LIME used on this place during 1987?	ROCK	PHOSPHATE	, or	١,			s, <i>per-pound basis, e</i> Christmes trees —		_ 96	14	"
524	10 – d	So to section 2	5		maple products, na	evel stores, fire	ewood, etc		□ s		00
	Non	Acres fer	tilized	4.	and other income	which is CLO	ge dividends of coo SELY RELATED to				
Acres of cropland fertilized in 1987 — (Do not include cropland for pastures reported in section 10, item 2b.)	ď. 🗆	l			egricultural operat	tion on this pl	8C6 -		96	36	00
Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4	🗆	633		*S:	SpecifyPE	RSON CO	MPLETING TH	IIS REPO	RT -	Pleasa prin	
None Tons	of lime	Acres lis	med	Ne				899 C			
3. LIME — tons of lime used and ecres on which applied — (Do not include lend plester or —		e35		-		Area Code	Number				
gypsum ar lime for sanitation.)				Tel	ephone number						

INFORMATION SHEET

1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has e unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address lebel of each extra report form. Also, write the 11-diglt census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the apace provided to the left of the address label. Return the extra report(s) in the same anvelope with your completed report form so that we can corract our records.

3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explein on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Heve No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicete and nonfarm eddresses, however, it was not always possible to do so.

5. If You Have More Then One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE racords of operating expenses and sales, livestock and other inventories, crop acraeges, and production.

6. If You Have a Pertnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate ferms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership.)"

7. Landlord's or Contractor's Share

If you rented or leesed land from others or had a contract for the production of agricultural producta, include both your share and the landlord's or contractor's shere of the production, sales, and expenses so your census raport form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all date items, use your best estimate.

How to Enter Your Response

Enter your raplies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushals, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes hervested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

► Section 1 - ACREAGE IN 1987

Your answers to this section will determine the land (Acres In "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rantad during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

IF YOU QUIT FARMING DURING 1987 — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homesteed law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report ell land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in itam 2:

- a. Land for agricultural use that you rented from others for cash
- b. Land you worked on a share basis (crop or livestock)
- c. Land owned by someona also that you used rant-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forast, or Indian reservation permit land. If you hed any of thase permits, mark "yes" to itam 7.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- Owned land rented to others for cash or a share of crops of livestock
- b. Land you rented from someone and then subleased to someone else
- e. Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-frea

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE "Is "0" and:

- You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or sharecropper, complate item 8 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return anyelops.
- e. You did not have any agricultural activity on ownad or ranted land in 1987, complate section 29 and explain briefly, such as "retired," "sold farm," and data. Give name and address of current operator if known and ratum form.

► Sections 2 through 8 — CROPS

Sections 2 through 8 provide space for reporting crops hervested during the 1987 crop year from the land shown in section 1, Itam 4 [Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

Acres hervested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

Quantity hervested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity hervested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

Acres irrigeted — For each crop irrigeted, report number of acres irrigeted. Irrigetion is defined as land watered by ertificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplementel, partial, and/or preplant irrigetion. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigetion. Leave "Acres irrigeted" blank for crops that are not irrigeted.

How to Report Crops Hervested

- ▶ Sections 2 end 3 Report only for the listed crops.
- ▶ Sections 4 through 8 To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you hervested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

Double Cropping — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each hervested crop in the appropriate section(s) of the report form.

Example: In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you hervested 1,550 bushels. You irrigated the soybeans but not the wheet.

Section 2! Were any of the following CROPS hervested from 1987?										
	Nane	Acres hervested	Quantity hervested	Acres irrigeted						
1. Cotton		091	092 Bales	093						
2. Soybeans for	beens 🗌	088 4 0	069/,550 Bu.	090 40						
3. Wheat for grain	in 🖂	073 40	074 230 Bu.	075						
4. Oats for grain	🗀	076	077 Bu.	078						

Interplented Crops — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

Skip Row Planting — If a crop is planted in an alternating pettern of planted and non-planted rows, such as two rows planted and two rows skipped (2 \times 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

Section 4 — VEGETABLES — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Example: In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

➤ Section 8 — FRUITS end NUTS — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

➤ Section 9 — GROSS VALUE OF CROPS SOLD

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

FORM 67-A01(II (12-17-66)

► Section 10 - USE OF ACRES IN "THIS PLACE"

This section is used to classify the acres in "THIS PLACE" reported in section 1, Item 4. (Do not include any acres you rented to others reported in section 1, Item 3). The sum of the ecres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Then One Purpose — Do not report the same acreage for more than one of the listed purposes. If pert or all of your lend was used for more then one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and plented and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." (item 2c).

Double Cropping — When more then one crop was harvested from the seme lend in 1987, report that lend only ONCE as "Croplend hervested," in item 2a.

interplented Crops — If you interplented crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Croplend hervested," in item 2s.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," item 2f. The acres that represent the plented rows should be reported as "Cropland harvested," in Item 2a.

► Section 12 — ACRES SET ABIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

► Sections 13 through 17 —LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Animels and Poultry to Include in the Report — Report all animals, poultry, and enimal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include enimals on unfanced lends, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease besis. Animals in transit on December 31, 1987, or animals on a short-term peature (such as wheat pasture or crop residue) on a per-head or lease besis should be reported by the person who had control of the enimals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quertered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shered in the receipts. Include enimals sold for a landlord or given to a lendlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Delry Terminetion Progrem or "Whole-Herd Delry Buy-Out Program" — The amount received in 1987 from the Government under the delry termination program should be included in section 19, item 1. Delry animels and products sold in 1987 should be reported in section 13.

Animels Moved to Another Place — For animals moved from "this place" to enother place, such as for further feeding, report enimals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- a. Cettle and calves sold for further feeding
- b. Veal calves, or any calves weighing less than 500 pounds
- c. Dairy cows fed only the usual dairy ration before being sold

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of eny livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom besis should be included on this report REGARDLESS OF DWNERSHIP. Report as "INVENTORY" numbers of enimals or poultry on the place on December 31, 1987. Report as "SOLD" enimals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

► Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Item 2 - If you owned BEES - Report all colonies or hives of bees end honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

items 7 and 8 — Mink pelts end rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 — Other Livestock and Livestock Products — include in all other livestock end livestock products menure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

Item 10 — Fish and Other Aqueculture Products — Report number of pounds sold and gross value of sales for each. Enter name and code from list.

► Section 17 - POULTRY

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry thet were taken or moved from the place in 1987

► Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the reguler or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► Section 18 - FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificetes. Include cash payments in item 1. In item 2, include the value of eny certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity progrems, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

ction 20 - TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for

Family or Individual Operation — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include femily operations that are not incorporated and not operated under a partnership agreement.

Pertnerahip Operation — Defined as two or more persons who have agreed on the amount of their contribution (cepitel and effort) end the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tex forms by husband and wife DOES NOT constitute a pertnership, unless a specific agreement to share contributions, decisionmaking, profite, and liabilities exists. Production under contract or under e share rental agreement DOES NOT constitute a partnership. a partnership.

Incorporated Under State Law - A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21

 Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of enother individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

FORM 87-A01(I) (12-17-88)

Section 21 -- CORPORATE STRUCTURE

This section is to be enswered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage

► Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this plece" defined as the individual owner, the operator, the senior pertner, or person in charge for the type of organization reported in section 20.

For Family or Individual Operation — Complete this section for the operator.

For Pertnership Operations — Answer ell items, except item 2, for the "Senior Pertner." The "Senior Pertner." Is the individuel who is mainly responsible for the agricultural operations on "this place." Out processity the person senior is again to accompany. who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each pertner shares equally in the dey-to-day management decisions, consider the oldest as the "Senior Pertner." For item 2 (Principal Occupation) consider all members of the pertnership together. Please include as "farming" worktime at ell types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporations and Other Operations (Cooperatives, Estates, etc.) — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primerily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous besis. If the operator returned to a place previously operated, report the year operations were resumed.

➤ Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987
Include farm production expenses paid by you, your landlord, contractors, or snyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

Livestock and Poultry Purchased — Report the cost of cattle, calves, hogs, pigs, sheep, lambs, horses, gosts, chicks, pullets, poults, etc., including breeding stock and deiry cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, beby chicks, pullets, etc. at the time they ceme onto the place.

Feed Purchased for Livestock and Poultry -Feed Purchased for Livestock and Poultry — Report the purchase cost of corn, sorghum, oets, barley, other grains, silage, hey, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed reised on "this place" should not be reported as purchased.

Cost of Hired Farm and Ranch Labor — include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

Contract Labor - Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or mechine hire in item 11.

Repeir end Meintenence Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment — Include the cost of repeirs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

Interest Expense Pald on Debts — Report all interest expenses peld in 1987 for the farm business. Include interest on loans secured by lend and buildings (reel estate) in item 12e. Include all loans not secured by real estets such as for fertilizer, feed, and seed in Item 12b. Include interest peid on CCC loans. Do not include interest easoclated with ectivities not releted to production of crops or livestock on "this place" such as lend or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other lend and buildings on "this place."

Cash Rent Peld for Land and Buildings in 1987 — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwalling or other nonferm property. Do not include the value of shares of crops or livestock peld to landlords.

Property Taxes Paid — Include real estate property texes you paid on the ecres and buildings you operated and used in the farm business.

Do not include:

- a. Property taxes on lend or buildings rented to someone elee
- b. Taxes peld by landlords
- Property texes peid on other property not associated with the farm business
- d. Income and excise taxes

All Other Production Expenses — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tex preparetion fees, postage, advertising, commission for sale of cattle, and fees paid for ferm-releted advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

► Section 24 — COMMERCIAL FERTILIZER AND LIME

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

► Section 26 - MACHINERY AND EQUIPMENT

The estimated merket value in item 1 refers to ALL machinery and equipment kept primerily on "this place" and used for the ferm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

► Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed catagories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full merket value assessment end the land end buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

► Section 28 — INCOME FROM FARM—RELATED SOURCES IN 1987

Item 1 through 4 refer only to those income producing activities for which you use part of the land, mechinery, equipment, labor, or cepital normelly used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

- Item 1 Customwork Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.
- Item 2 Rental Income Do not include rentel income from nonfarm property.
- Item 3 Forest Products include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.
- item 4 Other Farm-Related Income Include Income from hunting leases, fishing fees, and other recreetionel services, seles of farm by-products, end other business or Income closely releted to the agricultural operation on "this piace." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm seles or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.

FORM 87-A0400 U.S. OEPARTMEN	IT OF COMMERCE	Onty	or statis	esponse to this inquiry is requested in the second	ANNOT 6	e used for puri	oses of texation.	Investig	YOUR REPO	ORT TO
UNITED ST		The	ew elso p	rovides that copies retained denos pertaining to this re	in your tile	es sra immune	from legel proces	9.		
OF AGRICU										
AG CENSUS USA	LIUNE		Г	-			87-7	AD400		
Please complete this form and RETURN TO 1201 East Tenth Street Jeffersonville, IN 471			1							
Note — If your records are not available, reasonable as used. If you cannot file by Fabruary 1, a time extension requ	timates may be		• :							
to the above address. Include your 12-cherecter Cansus Fit es shown in your address lebel in all correspondance to us.	Number (CFN)]	4							
If you received more than one report form, enter extra Census File Number(a) here										
and return extra copies with your completed report.										
CENSUS	036]	*****	ayan kanan karan da kanan karan da kanan kanan kanan kanan kanan kanan kanan kanan kanan kanan kanan kanan kan		ang pagan yang angan 1 mgani 1 yan 880 hayini	n permunuan manan menerapakan dan nyangsapat	The second secon		
SECTION 12	042	1	Pleas	correct errors in name, add	rees, and	ZIP Code. EN	TER street and nu	mber if n	ot shown.	
1. At any time during 1987, did you plent, grow, or have				PARTA - CROP				LACE'	' In 1987	
Hay or tobacco? Corn, wheat, or other greins? Other crops? Greenhouse or	lons, or berries			(Do not include crops g	rown on	Acres			Gross ve	
• Other crops? • Greenhouse or Yes No	nursery crops			1. Hay crops — a. Alfelfe and alfalfs	None	hervasted	Quantity ha	rvested	Crops s	Cent
2. At any time during 1987, did you raise, sell, or keep ar				mixtures	' □	103	104	Tans, dry	783 \$ 782	00
Cattle, hogs, sheep, or goats? Chickens or other poultry? Fish in captivity.	17			b. Small grain hay .	🖳	112	113	Tone, dry Tone,	762	100
• 8ees? • Other animal s				c.Wild hay	🗆	109	110	dry	782	<u>i 00</u>
If you answered YES to EITHER of these question	e, go to SECTI	ON 2.		d. Other hay — Specify kind	🗆			Tons, dry	\$	00
If you answered NO to BOTH of these questions, g		-		2.Com for grain or see	ed 🗆	066	089	Bu.	773	00
your spouse, or by the partnership, corp	poration, or org	anizati	on for	3. Soybeans for beans	🗆	073	074	Өи.	\$ 774	100
which you are reporting. Include ALL LA LOCATION OR USE — cropland, pastur	eland, rangelar	nd,	۲	4. Wheat for grain	🗀	094	085	Bu.	761	i 00
woodland, idle land, house lots, etc.	Nопе 1	lumber 43	of acres	5. Tobecco ell types		097 I	086	Lbs.	786	00
1. Afl land owned	□ ├			6. Potatoes, Irish —(Do not include those grown for home use.)			10	Cwt.	6	. 00
2. All land rented or leased FROM OTHERS, including lan worked by you on shares, used rent free, in exchange	for o	44						Cents	1	
services, payment of taxes, etc. Include leased Federa and railroad land. (DO NOT include land used on a per-	head			7. All vegetables for sa (Do not include those gn for home use.)	10	None Total	Dollars 763	00		
basis under e grazing permit.)	io.	48		Specify \$			/10			
sheres by others and land subleased. Also complete item	5 below.			kind(s)			/10		l	
4. Acres in "THIS PLACE" — ADD acres owned (i and acres rented (item 2), then SUBTRACT acres re	tem 1)	048		8. All fruit end nut orch	ards	None Total	acres Quentity h	ervested	Dollars 784	Cent
TO OTHERS (item 3), and enter the result in this spa	sce.——→		-4	vineyerda, and berri		□ ¹²¹	/10	<u> </u>	\$	i 00
If the entry is zero please refer to the information Shee	-		[Specify kind(s)			/10	Lbs.		
5. Of the lend you rented or leased to others, how meny ecres did you own?	OE3		- Acres	9. Other crops — For ad Report quantity harvest	ditional cri	ops, enter the c	rop name and code	from the	list below.	
8. In what county was the largest value of your	County nan	ne	State	er.		Acres			Gross va	
agricultural products reised or produced?	1			Crop name	Code	harvested	Quantity her	vested	Dollars	Cent
SECTION 33 LAND USE and IRRIGATION PART A — How were the ACRES in this place u	sed in 1987?		-		-	 	1		\$	00
1. Cropland harvested — Include all land from which crop	None 1	Vumber 67	of ecres	If more space is needed, use a	separate s	theet of paper.	.1		\$	i 00
groves, vineyards, and nursery and greenhouse crops.	itrus	90		Crop name Barley for grain (bushels) .		079 ,	Crop name Oets for grain (be	ushels)		Cod 076
2. Cropland on which ell crops failed — (Exception: Do no report here lend in orchards and vineyerds on which the crop:	failed.)			Corn for sliege or green cho Cotton (bales)		691	Other crops (pour	n-mile (b) nds) – S	pacify	VD4
3. Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow		93		PART 8 — NURSER on "THIS		REENHOUS " in 1987	E CROPS GRO	NN FOR	SALE	
4. Cropland used only for pasture, woodland pasture and other pastureland and rangeland	ed,?	86		From the list below, en				- 1		
5. All other woodland, wasteland, houselots, etc. n	ot 7	97		Сгор патте	Code un	Square feet nder gless or	Acres in the ope		Sales in 198	
reported in items 1 through 4 above PART B — IRRIGATION		lumber	of acree		- 00	er protection	Whole acres Ten	10 \$	Dollars	Cent
How many acres of harvested land were irrigated? I land from which hay was cut and land in bearing and nontering the second second land in bearing and nontering land in the second land in the second land.	None	Irrige BO	eted	If more space is needed, use a Grop name	separate s	heet of paper.	Crop name	IV 14		Cod
full and not crops. 2. How many acres of pastureland, rangeland, and any		81		Bedding plants (include veg Cut flowers and cut florist of	resne	nts) 479	Potted flowering Follage plants .			. 710
lands not included in item 1 above were irrigeted? .	, 00000			Nursery crops — ornamente and nut trees, and vines .	ls, fruit	405	Greenhouse vege Other - Specify	tablas		. 503
PENALTY FOR FAILURE TO REPORT						CONTIN	JE ON REVERSE	810E -		→

SIGNONIS LIVESTOCK and POULTRY		PART E - HORSES, O'	THER LIVESTOC	K, ANIMAL SPEC	IALTIES, and FI	ISH
	INVENTORY		INVENTORY	Total quantity	Gross value of s	seles
PART A — CATTLE and CALVES Non	Number on this piece Dec. 31, 1997	None	place Dec. 31, 1997	sold in 1997		Cente
	605	of eli sgss	830	921 Number	992	00
1. CATTLE and CALVES of all ages	To	tel	919	840 Number	842	!
e. BEEF COWS - Include beef helfers that	Be	2. Colonias of bees	1 1	941 Pounds honey	17.	00
ned calved	808	2. 00/0///20 0/ 0000	843	844	849	
b. MILK COWS kept for production of milk or cream for sale or home use — include day	MI		1 3	Number 545 Cellons	1	
milk cows and milk halfers that had calved L			947	milk	1 000	00
	Gross value of sales		! {	Number	3	
None	Dollars Cente	4. Angora gosts		848 Pounds moheir	J.	00
2. Value of DAIRY PRODUCTS sold in 1987 - Include milk, cream, butter, etc		S. Other livestock, fieh, enimel products.				
		lEnter name/code from below.	/	<u>.</u>		
CATTLE and CALVEB BOLD FROM THIS PLACE IN 1987		Nems — Code —		Quentity		00
Include se sold cattle moved from Num	ber sold Gross value of sal 1997 Collers Ce	Name/oode	Name/oods	Neme	oloode	
feeding.	1007 0011978 CE	Mules, burros, donkeys 833 Mink and their pelts 836	Rebbits and their p	pelts 85% Other	livestock, fish, their products	887
3. Calves less than 500 pounds	♦ ¦ 0			CONTRACTOR OF STREET		
4. Cattle - Include celves 500 pounds or more	• 10	Amount received in 198		ent CCC loens.	Include reguler	
a. Of ALL cattle sold, how many were	813	Silo reserve idana, aveni ir	edeamad or romar	None	DOMEST , C	Cents
FATTENED on this place on GRAIN or		Specify crop(e)				00
CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?		Payments :	eceived for parti	loipation in FEDI	RALFARM	
PART B — HOGS and PIGS	INVENTORY	PROGRAM	IS in 1987 (DO N	None None		Cente
Non	Number on this place Dec. 31, 1997			NON#		,91113
	816	1 - Amount received in case	h	🗅 🕒		00
1. HOGS and PIGS of all ages	Total	2. Value of certificates rec (PIK) or commodity cert	elved — payment	-in-kind		00
	816	Side Holist Acres in th	is place SET ASI	1.1 F1798 W. T. T. T. T. T. T. T. T. T. T. T. T. T.		
HOGS end PIGS used or to be used far breeding	Breed		cresge reductio		987	
Num	ber sold Gross value of sel	19 4 Vanumanu aana uuru		and transfer	None Number of s	acres
None in	1987 Dollers Ce	— I . DOW MAIN OCIDO WOLD				
2. HOGS end PIGS SOLD from this	e21 •	2. How many scree were t	inder the CONSER	NOITAVE	685	
place in 1987	823	TIESERVE I ROOFFAIRT				
sold as FEEDER PIGS for further feeding?			ERISTICS and C		PUPERATUR	
	NTORY NUMBER SOLE	1. RESIDENCE - Does th	ne operator live o	n this 823	_	
None place Dec	2. 31, 1997 In 1957				ree ₂□ No	,
334	626	2. PRINCIPAL OCCUPAT occupation did the ope		926		
1. SHEEP and LAMBS of all ages		mejority (50 percent o	r more) of his/her	· .	erming 2 🗆 Oti	
a. EWES 1 year old or older		worktime in 1887? For ell members of the partner	partnerships consider ship together.	fer 1	or renching	1101
2. SHEEP and LAMBS SHORN None 827	826	3. OFF-FARM WORK - I		did the 929 /		
in 1987	Pounds mber wool	operator work at least	4 hours per day o	off this [' 📛]	None	
	Gross value of sales	piaca in 1987? — Includ	le work at a nonfarm lee's farm for pay. (i		l — 49 days 50 — 99 days	
3. What was the gross value of sales of None	Dollars Cents	bueiness, or on someone e include exchange fermwor	k.)	~~~~(:::::::::::::::::::::::::::::::::	100-149 days	
SHEEP, LAMBS, and WOOL from this place in 1987?	00				50-199 days	
PART D - POULTRY	INVENTORY			(.□:	200 days or more	•
	Number on Number this piece sold in 189	4. In what YEAR did the c	perator begin to	operate oeo		
	Dec. 31, 1987	eny part of this place?			Үөаг	
s. HENS and PULLETS of laying age		S. AGE of operator			Years old	id
D. PULLETS 3 months big or bigsr not yet of	554	3. AGE OF Operator		924 / 1 🗆 \		•
laying aga for layer replacement	····			1 -	legro or Black	
o. PULLETS under 3 months old for layer replecement	Ü	B. RACE of operator			merican Indian	J
	656				Asien or Pacific	
2. BROILERS, fryers, other meet-type chickens	900 901				slander	
3. TURKEYS for alaughter (Do not include breeders.)		4		(,,,,,	Other — Specify,	
4. OTHER POULTRY (Enter name/code from below.)	T'			*20		_
Poultry name Code		7. SEX of operator			Aele ₂☐ Fer	mals
Name/code Name/code	Name/code	8. SPANISH ORIGIN - Is	the operator of S	Spenish 827		
Turksy hens kept Geess	Quell	Cuben or other Speni			es 2 No	.
Oucks910	Specify 91	SECTION TO PERSON C	OMPLETING TH	HIS REPORT -	Please print	
5. Value of POULTRY and POULTRY None	Orose value of sales Oolisrs Carits	Name		see Date		
PRODUCTS (eggs, etc.) sold from this piece	1	Talanhara australia	de Number			
in 1987?	00	Telephone number	<u> </u>			

INFORMATION SHEET 1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenents, pertnerships, corpurations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census hee a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address lebel. Return the extra report(s) in the same envelops with your completed report form so that we can correct our records.

3. If You No Longer Form

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of peper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the cansus as complete as possible, we obtained lists from various sources. We tried to eliminete duplicate and nonferm addresses, however, it was not elweys possible to do so.

5. If You Have More Than One Agricultural Operation

Complete e report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual ferm, ranch, feedlot, greenhouse, etc., or combination of ferms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Pertnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or renches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate," Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed e report for the partnership (provide name and CFN of partnership.)"

7. Landlord's or Contractor's Shere

If you rented or leased lend from others or had a contract for the production of agricultural products, include both your share end the lendlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's shere, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, end in the units requested, i.e., dollers, bushels, tons, etc. Write any explenetion outside the enswer spaces or on a seperate sheet of paper. All dollar figures may be entered in whole dollers. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths ere requested, such as acres of potatoes hervested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections end questions which do not apply to you. When this occurs, mark the "None" or "No" box end go on te the next item or section.

Instructions For Specified Sections

Section 2 — ACREAGE IN 1987

Your enswers to this section will determine the land (Acres In "THIS PLACE") referred to in the rest of the report form.

When answering the ecreege questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include ell land that you owned or rented during 1987 even if only for part of the yeer. Do not include any unrelated residential or commercial land.

Report ell land in section 2 in whole acres.

Item 1 — All Land Dwned — Report ell lend owned in 1987 whether held under title, purchesed contrect or mortgege, homestead lew, or sa heir or trustee of en undivided estate. Include ell lend owned by you end/or your spouse, or by the partnership, corporetion, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report ell land rented by you or your operation even though the landlord mey have supplied meteriels or supervision.

INCLUDE in item 2:

- a. Lend for egriculturel use that you rented from others for cash
- b. Lend you worked on a share basis (crop or livestock)
- c. Lend owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Lend used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land,

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was pert of the ecreege reported in items 1 and 2. A report form will be obtained from each of your tenents to cover the operations on that lend,

INCLUDE in item 3:

- a. Owned lend rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then sublessed to someone
- Land worked for you by someone for a chere of crops or livestock
- d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all lend you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "O" and:

- You reised eny crops or hed eny livestock or poultry on "THIS PLACE" in 1987, complete the report,
- b. All your lend was operated by a renter or sharecropper, akip to and complete section 10, and explain briefly, "All land rented out," etc. Meil form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explein briefly, such as "retired," "sold farm," and dete. Give name and address of current operator if known and return form.

► Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in verious cetegories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the seme acreage for more than one of the listed purposes. If pert or ell of your lend wes used for more then one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pesture, report the land in pert A, item 1, "Croplend hervested."

Double Cropping — When more than one crop wes harvested from the same land in 1987, report that land only ONCE as "Cropland herveated," in part A, Item 1 of this section.

interplented Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Croplend harvested," in pert A, item 1.

Skip Row Plented Crops — Report the ecree that represent the total nonplanted or akipped rows as "Cropland idle," pert A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, Item 1.

Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, apreader dikas, purposeful flooding, etc. include acres that receive supplemental, partial, and/or preplent irrigation. Do not report water applied in transplanting tobacce plents, trees, or vegetables as irrigation.

► Section 4 - CROPS

This section provides spece for reporting crops harvested during the 1987 crop year from the land shown in section 2, Item 4 (Acres in "THIS PLACE") of your report. A few crops ere elreedy listed on the form. For these crops, just report acres hervested, quentity hervested, and value of seles. If you produced crops not listed, write the name of the crop and code from the list provided and report the ecres hervested, quantity hervested, and the value of seles.

DO NOT INCLUDE:

- Any crops grown on land rented or leased TO OTHERS, or worked by others on sheres during 1987.
- b. Crops or crop products purchased from others and leter sold.

Acres Hervested — Enter the ecres harvested in 1887. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potetoes.

Quentity Harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity hervested to the unit requested. If the hervest was incomplete by December 31, 1987, please report the quantity hervested and the estimated quantity to be hervested.

Gross Value of Crops Sold — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were hervested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC Idens received for "THIS PLACE" in 1987, Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE".

Item 7 — Vegetables — Report acras of vegetables hervested FOR SALE or commercial processing. Do not include vegetables grown for home usa. Report the total acreege of each vegetable crop hervested.

Item S — Fruit Orchards, Citrus, Vineyards, and Nut Trees — Report only if total of 20 or more trees and vines, include those for home use as well as those meintelned for sale of their production. Acres in trees and vines that have been abandoned should not be included, these acres should be included in section 3, part A, item 3 "Cropland idla."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

Item 8 — Other Crops — To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first aveilable answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop namels), acres end quantity harvested, and gross value of crop(a) sold.

Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Parts A. S. C. and D - LIVESTOCK AND POULTRY

Animels end Pouttry to Include in the Report — Report ell snimels, poultry, end enimel specialties on "this place" (section 2, item 4) on Dacember 31, 1987. Include all owned by you and eny kept by you for others. Include animals on unfenced lends, National Forest land, district land, cooperative grazing association lend, or rengeland edministered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term paeture (such as wheat pasture or crop reacidue) on a per-head or lease begis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share errangement on land rented to others. Do not include animals quartered in feedlots which are not a pert of "this piece." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number 8old — Report all animals and poultry sold or removed from "this place" in 1887, without regerd to ownership or who shared in the recalpts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1, Dairy cattle and calves sold should be reported in section 5, nart A.

Animals Moved to Another Place — For enimals moved from "this place" to another place, such as for further feeding, report enimals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for alaughter are reported in section 5, part A, item 4a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- Cettle and calves sold for further feeding
- b. Dairy cows fed only the usual dairy ration before being sold
- c. Vaal calves, or any calvas weighing less than 500 pounds

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sels price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of enimels or poultry on the place on Dacambar 31, 1987. Report as "SOLD" snimals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the enimals or poultry when they left the place.

The person who furnished the housing and lebor should report the poultry operation on his/her report form regardless of who owned the birds. Report se sold the number of poultry that were taken or moved from the place in 1987.

Port E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH

if you owned BEES — Report all colonies or hives of bees end honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of seles.

Other Livestock and Livestock Products — include in all other livestock and livestock products manure, beswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold end value of sales, but not in inventor.

Fish end Other Aqueculture Products — Report quantity sold and gross value of seles for each.

Section 8 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loens received to build crop storage facilities or amount received for storage payments in the reserve program.

► Section 7 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal progrems such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, diseaster payments, paid land diversion, inventory reduction payments, peyments received for approved soil and water conservation projects, etc.

Section 8 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in Item 2 all acres in "this place" retired from production and placed, by long-term contract, Into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

For Family or Individuel Operation — Complete this section for the operator.

For Pertnership Operations — Answer all Itams, except item 2, for the "Senior Pertner." The "Senior Pertner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the dey-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principel Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporation and Other Operations (Cooperatives, Estates, etc.) — Complete section 9 for the parson in charge, such as a hired menager, business menager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Bagen Operation — Report the first year the operator or senior partner bagen to operate any part of "'this place" on a continuous basis. If the operator returned to a place praviously operated, raport the year operations were resumed.

FORM 87-A04(I) (3-31-87)



Item	State tables	County tables	Item	State tables	County tables
A			B —Con.		
Abnormal farms	19	_	Bluegrass seed,		
Acreage reduction	, ,	1	Kentucky	44	26
program	7,10,48-53	5	Boysenberries	-	29
Age of operator	1,16,48–53	1,10,16	Breeding hogs and		
Agricultural products sold,	.,,	.,,,,,,	pigs	32,48-53	12,16
market value	1,2,10,18,47,48-53	1,2,16	Broccoli	-	27
Agricultural services	, , , , ,	. ,	Broilers	1,20-22,48-53	1,14,16
income	5,48-53	4	Bromegrass seed	-	26
Alfalfa hay	43,44,48-53	26	Brussels sprouts	-	27
Alfalfa seed	43,44	26	Buckwheat	-1	24
Almonds	45,48-53	28	Bulbs	46	30
American Indian			Bulls, bull calves, steers,		
operator	17	34	and steer calves	20,25,48–53	11,16
Angora goats	41	18	Burros, donkeys, and		
Apples	45,48-53	28	mules	41	23
Apricots	42	28	I		
Aquacultural products	41	21	C		
Artichokes	71		Cabbage	_	27
Asian or Pacific Islander	_	21	Cantaloups	44	27
operator	17	34	Carrots	- 1	27
	1,		Cash, government farm		
Asparagus	1 10 12 18		programs payments	5	4
Assets, value	1,10-12,18, 47,48-53	1,5,6,16	Cash rent, expenses	3,10,48–53	3,16
Avetries winter need	47,46-55	26	Cash rent or share	3,10,40-33	0,10
Austrian winter peas	45		payments received,		
Avocados	45	28	farm-related income	5,48-53	4
			Catfish sales	5,40-56	21
В			Cattle and calves	1,10,20,25,27,47,	1,11,16
			Cattle and caives	48-53	1,11,10
Bahia grass seed		26	Cattle and calves sales,	2,20,26,31,47,	2,11,16
Balers, pickup	13,48-53	8	value	48-53	2,11,10
Bananas	45	28	Cauliflower		27
Barley for grain	1,42-44,48-53	1,15,16,24	Celery	_	27
Barley for grain sales,	., ,	.,,,	Certificates, govern-		۲.
value	2,48-53	2,16	ment farm programs		
Beans, dry edible	42-44,48-53	15,16,25		5	4
Beans, dry lima	-		Chemicals, expenses	1,3,10,15,47,48-53	3,16
Beans, green lima	_	27	Chemicals used	15,48-53	9
Beans, snap (bush and			Cherries	45,48-53	28
pole)	44,48-53	27	Chickens 3 months old	40,40-00	20
Beans, soybeans	1,42-44,48-53	1,15,16,25	or older	1,20,21,23,48-53	1,14
	1,42-44,40 36	30		1,20,21,20,40-00	27
Beef cows	1,20,25,29,48-53	1,11,16	01001 1	_	27
	41	1,11,10		-	27
Bees, colonies	42-44,48-53		lounions or united bods	_	21
Beets, sugar	42-44,46-55	1,15,16,25 27			
Beets, table	_	26	101001 P. 100010 D. 1011 1	5,48-53	4
Bentgrass seed	- 1		Citrus fruit	45,48-53	28
Bermuda grass seed	40 44 40 50			40,40-00	26
Berries	42,44,48–53		Clover seed	AE	28
Birdsfoot trefoil seed	-		Coffee	45	26 27
Blackberries	-	29	Collards	-	
Black operators and other		00.01	Colonies of bees	41	20
races	16,17,48-53		Combines, grain and	10.40.50	10
Blueberries	44	29	bean, all types	13,48–53	16
			-		

Item	State tables	County tables		State tables	County tables
C —Con.			D		
Commercially mixed for-			Daikon	_	27
mula feed purchased	1,3,48-53	3,16	Dairy cows (milk cows).		1,11,16
Commodity Credit	6 10 40 50		.	48-53	
Corporation loans Conservation reserve	6,10,48–53	4	Dairy products sales, value	2,47,48–53	0 11 16
programs	7,10,48-53	5	Dates	2,47,40-33	2,11,16 28
Contract labor expenses		3,16	Dewberries	_	29
Corn, field		1,15,16,	Diesel fuel expenses	14,48-53	3
		24,31	Dill for oil	_	31
Corn for grain sales,	0.40 50	0.16	Disease control in		
value		2,16 27	oropo ana oronarao	15,48–53	9
Corn, sweet, for seed	44,40-03	31	Donkeys, burros, and	41	00
Corporation, family		0.	mules Ducks	41	23 14,22
held	16,48-53	10,16	Ducks, geese, and other	-	14,22
Corporation, nonfamily			poultry	21	14,22
held	16,48–53	10,16	' '		,
Corporation, type of organization	1,16,48-53		E		
Cotton		1,15,16,25			
Cotton sales, value		2,16	-99P.w.m	10 47 40 50	27
Cottonpickers and	2, , . 0 00	2,.0	Electricity expenses Emmer and spelt	10,47,48–53	3 24
strippers	13,48–53	8	Endive	<u> </u>	27
Cowpeas for dry peas	-	25	Equipment and		_,
Cowpeas, green	-	27	machinery	1,10,12,18,47,48-53	1,8,16
Cows and heifers that had calved	00.05.40.50	11 16	Escarole	-	27
Cranberries	20,25,48-53	11,16 29	LWC3 I your old or		40
Cropland diverted, set	771	23	older	38	13
aside	7,10,48–53	5	Expenses, farm production	1,3,10,47,48–53	1,3,16
Cropland for cover crops,	· O		production	1,0,10,47,40 00	1,0,10
legumes, and soil-	7 40 50	-	F		
improvement grasses Cropland harvested	7,48-53	1256	Family held		
Cropiand naivested	1,7,8,10,16,18,42, 47,48-53		corporations	48-53	10,16
Cropland harvested,	.,,,,,,	10,10,10	Family or individual,		.0,.0
irrigated	8–10	7	type of organization	1,16,48–53	10,16
Cropland idle	7,48–53	5	Farm-related income	5,48-53	4
Cropland in cultivated	7 40 50	_	Farms by age and		
summer fallow Cropland on which all	7,48–53	5	principal occupation of operator	16,48-53	10,16
crops failed	7,48-53	5	Farms by size of farm	8,47,48-53	6,16
Cropland pastured	7,48-53	5	Farms by standard	3,,	5,.5
Cropland total	1,7,10,47,48–53	1,5,16		18,48–53	16
Crops, farms reporting,			Farms by tenure of	10.10.50	10.40
acres, production	42	15,16		16,48–53	10,16
Cucumbers	44	27	Farms by type of organization	1,16,48–53	10,16
Currants	-	29	Farms by value of	1,10,40-30	10,10
hire, and rental of			agricultural products		
machinery and equip-			sold	1,2,10,18,47,48–53	1,2,16
ment, expenses	3,10,48–53	3,16	Farms, number	1,7,8,10,16,18,47,	1,5,10,16
Customwork and other agricultural services,			Fattened cattle sales	48-53 26,29,31,48-53	11,16
farm-related income	5,48-53	16	Feed purchased	1,3,47,48-53	3,16
	0,70 00	.0	. coa paronagou	1,0,17,10 00	5,.5

ltem	State tables	County tables	Item	State tables	County tables
F—Con.			G —Con.		
Feeder pigs sales	20,33,35-37,48-53	12	Grapes	45,48-53	28
Female operators	16,17,48–53		Grass silage, haylage,	·	
Fertilizer applied	15,48–53	9	and green chop hay	43,44	26
Fertilizer expenses	3,10,15,47,48-53	3,16	Grazing permits	-	36
Fescue seed	44	26	Grease, LP gas, fuel		
Field seed crops	44,48–53	26	oil, kerosene, motor oil,	44.40.50	
Figs	-	28	etc., expenses	14,48-53	3
Filberts	45		Greenhouse crops	42,46	30 30
Fish sales	41	21	Greenhouse vegetables	46	31
Flaxseed	42,44,48–53	24	GuarGuavas	45	28
Florist greens and	40	20		43	20
flowers, cut	46	30	н		
Flower and vegetable seeds	46	30	"		
Flowering plants,	40	30	Hatcheries	_	22
potted	46	30	Hay crops	1,42-44,48-53	1,15,16,26
Flowers and florist	, -		Hay, silage, and field	,,,_	., , , , ,
greens, cut	46	30	seeds sales, value	2,47,48-53	2,16
Foliage plants	46	30	Haylage, grass silage, and		
Forest products and			green chop hay	43,44	26
Christmas trees sales,	F 10 F0		Hazelnuts	45	28
farm-related income	5,48–53		Heifers and heifer	00.05.40.50	44.40
Foxtail millet seed	-		calves	20,25,48-53	11,16
Fruit crops	45	15,16,28	Hens and pullets of	20,21,48-53	14,16
Fruits, nuts, and berries sales, value	2,47,48-53	216	laying age Herbs	20,21,40-33	31
Fuel oil, kerosene, motor	2,47,40-00	2,10	Hired farm labor		01
oil, grease, LP gas, etc.,			expenses	3,10,47,48–53	3,16
expenses	14,48-53	3	Hogs and pigs	1	1,12,16
Full owners	16,48-53	10,16		48-53	
_	·	•	Hogs and pigs sales,		
G			value		2,12,16
.			Hogs, litters farrowed		12
Garlic	- 44 40 50	27	Honey sales	41	20
Gas, natural, expenses.	14,48–53	3	Honey tangerines		28
Gasoline and other		\	Honeydew melons		27 31
petroleum fuel and oil expenses	14,48–53	3 16	Hops	20 41 49 52	13
Gasoline expenses	14,48-53	3	Horses and ponies	20,41,48–53	13
Geese	- 1,10	22			
Geese, ducks, and			·		
other poultry	41	14,22	Income from farm-related		
Ginger root	-	31	sources	5,48-53	10
Goat milk sales	41	17	Income, see net cash	,	
Goats	41,48–53	23	return	4,48-53	4
Goats, Angora	41	23	Individual or family, type		
Goats, milk	41	17	of organization	1,16,48-53	10,16
Goats, other	41	23			•
Government farm	E 40 47 40 50		control	15,48–53	9
programs payments	5,10,47,48-53	4	I into oog abbi not occarba	0.40 50	•
Grain hay	43,44	26	1 - 7 ·	3,48-53	3
Grain sales, value	2,47,48-53 44,48-53	16	Interest, debt secured by real estate	3,48-53	3
Granofruit	44,46-55	1	Interest expenses	1,3,10,47,48–53	3,16
Grapefruit	45	20	I morest expenses	1,0,10,77,70-00	5,15

I
Irrigated farms and acres
Irrigated farms and acres
1,8-10
September Sept
Machinery and equipment 1,10,12,18,47,48-53 1,8, Male operators
Second
K Male operators 16,17,48-53 16,17,48-53 Kale - Amngoes - - Kentucky bluegrass 44 26 Milk cows (dairy cows) 1,10,20,25,30,47, 48-53 1,11, 48-53 41 Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses 14,48-53 3 Milk goats 41 44
Kale
Kale - 27 Melons - 1,10,20,25,30,47, Milk cows (dairy cows) 1,11,020,25,30,47, Milk cows (dairy cows) 1,11,020,25,30,47, Milk cows (dairy cows) 1,11,020,25,30,47, Milk cows (dairy cows) 1,11,1,12,48-53 44 45 45 41 45 41 41 41 41 41 41 42 41 41 42 42 41 42 42 42 42 42 43 44 42 43 44
Kentucky bluegrass seed
Seed 44 26 Milk goats 41 Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses 14,48–53 3 Millet, proso 44 Kiwifruit - 28 Millet seed, foxtail - Millet seed, foxtail - Kumquats - 28 Milk goats 44 44 Kumquats - 28 Milk goats 44 44 Kumquats - 28 Millet seed, foxtail - 41 Millet seed, foxtail - 42 - - - <
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses 14,48-53 3 Millet, proso 44 kiwifruit 28 Millet seed, foxtail - - Millet seed, foxtail - - Kumquats 28 Mink and their pelts 41 Mohair sales 41 Labor expenses 1,3,10,47,48-53 3,16 Mohor oil, grease, LP gas, fuel oil, kerosene, etc., expenses 14,48-53 Land and buildings, value 1,10,11,47,48-53 5,16 Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses 14,48-53 Land in farms 1,7,8,10,16,18,47 1,5,10,16 Mower conditioners 13,48-53 8, Land owned 48-53 - Mower conditioners 13,48-53 8, Land rented from others 48-53 - Mules, burros, and donkeys 41 41 Land set aside in federal farm programs 7,10,48-53 - Mustard cabbage - Lemons 45 28 Lemils 44 25 Lentils 44 25 Lettuce and romaine 44 25 Notarious Notarious Mules, toricles, including p
Step Step
etc., expenses
Kiwifruit - 28 Mink and their pelts 41 Kumquats - - 28 L - - - - Labor expenses 1,3,10,47,48-53 3,16 - - Land and buildings, value 1,10,11,47,48-53 5,16 - - - - - - - - - - - - - - - - -
Labor expenses 1,3,10,47,48–53 Land and buildings, value 1,7,8,10,16,18,47, 48–53 Land owned 1,7,8,10,16,18,47, 48–53 Land rented from others Land set aside in federal farm programs 1,7,8,10,47,48–53 Land use 7,8,10,47,48–53 Lan
L Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses 14,48–53 Land and buildings, value
Labor expenses 1,3,10,47,48-53 3,16 gas, fuel oil, kerosene, etc., expenses 14,48-53 Land and buildings, value 1,10,11,47,48-53 5,16 Motortrucks, including pickups 13,48-53 8, Land in farms 1,7,8,10,16,18,47, 48-53 48-53 Mower conditioners 13,48-53 8, Land owned 48-53 Mules, burros, and donkeys 41 41 42 Land rented from others 48-53 Mungbeans for beans 46 44 46 Land set aside in federal farm programs 7,10,48-53 1 46 <
Labor expenses 1,3,10,47,48-53 3,16 etc., expenses 14,48-53 Land and buildings, value 1,10,11,47,48-53 5,16 13,48-53 13,48-53 8, Land in farms 1,7,8,10,16,18,47, 48-53 1,5,10,16 48-53 41 48-53 41 48-53 41 41 42 42 44 42 44 44 44 48-53 48-53 48-53 48-53 48-53 48-53 48-53 48-53 48-53 48-53
Land and buildings, value
value
Land in farms 1,7,8,10,16,18,47, 48-53 1,5,10,16 Mower conditioners 13,48-53 Land owned 48-53 - Mules, burros, and donkeys 41 Land rented from others 48-53 - Mungbeans for beans - Land set aside in federal farm programs 7,10,48-53 1 Mustard cabbage - Land use 7,8,10,47,48-53 5 Mustard greens - Lemons 44 25 N Lespedeza seed - 26 Lettuce and romaine 44 25 Natural gas expenses 14,48-53
Land owned 10,48-53 — Mules, burros, and donkeys 41 41 41 42 44 <t< td=""></t<>
Land owned 10,48-53 - donkeys 41 Land rented from others 48-53 - Mungbeans for beans - Land set aside in federal farm programs 7,10,48-53 1 Mustard cabbage - Land use 7,8,10,47,48-53 5 Mustard greens - Mustard seed - Lemons 45 28 N N Lespedeza seed - 26 N Natural gas expenses 14,48-53 Lettuce and romaine 44 27 Notations 14,48-53
Land rented from others 48-53 — Mungbeans for beans — 46 Mushrooms — 46 Mushrooms — 46 Mushrooms — Mushrooms — — Mustard cabbage — — Mustard greens — — Mustard seed — — Mustard seed — Mus
Land rented to others 48-53 - Mushrooms 46 Land set aside in federal farm programs 7,10,48-53 1 Mustard cabbage - Land use 7,8,10,47,48-53 5 Mustard greens - Mustard seed - Lemons 45 28 N N Lespedeza seed - 26 N Natural gas expenses 14,48-53 Lettuce and romaine 44 27 Notations 14,48-53
farm programs 7,10,48–53 1 Land use 7,8,10,47,48–53 5 Lemons 45 Lentils 44 25 Lespedeza seed - 26 Lettuce and romaine 44 27 Natural gas expenses 14,48–53 Natural gas expenses 14,48–53
Land use 7,8,10,47,48-53 5 Lemons 45 Lentils 44 Lespedeza seed - Lettuce and romaine 44 27 Natural gas expenses 14,48-53 Notativing
Lemons 45 28 Lentils 44 25 N Lespedeza seed - 26 Lettuce and romaine 44 27 Natural gas expenses 14,48-53
Lentils
Lespedeza seed 26 Lettuce and romaine 44 27 Natural gas expenses 14,48–53
Lettuce and romaine 44 27 Natural gas expenses 14,48-53
Mostorinos
Lima beans, dry
Lima beans green _ 27 Nematode control in
Lime applied 15.48_53 0 Crops 15,46-55
Limes 20 Net cash return from
Littles
Livestock and livestock corporations
products sold
Livestock and poultry 20 1,16 48-53
Livestock and poultry Nursery and greenhouse
purchased
Livestock, poultry, and their products sales, Nursery and greenhouse groups sales, 2.42.46.47.48.53
value 1 2 10 18 20 47 1 2 16 Clops sales, Value 2,42,40,47,40-33 2,10,0
Loans Commodity Credit Nursery Crops-Shrubs,
Corporation
Loganberries – 29 o
Lotus root
LP gas, fuel oil, kerosene, Oat sales, value 2,48–53 2,
motor oil, grease, etc., Oats for grain
expenses

Item	State tables	County tables	Item	State tables	County tables
O—Con.			P—Con.		
Off-farm work by			Pimientos	_	27
operator	1,16,48–53	1,10,16	Pineapples	1,42,44,48–53	1,15,16,31
Okra	-	27	Pistachios	1,42,44,40-33	28
Olives	-	28	Plums	,45	28
Onions, dry and green	44	27	Pomegranates	,45	28
Operator characteristics-			Ponies and horses	20,41,48-53	13
residence, age, race,			Popcorn	20,41,40-33	24
occupation, off-farm			Potatoes, Irish	1,42-44,48-53	1,15,16,25
work, sex, Spanish			Potatoes, sweet	42,44,48-53	25
origin, years on	16,17,48-53	10.16	Poultry and poultry	72,77,70 00	20
present farm	10,17,46-55	28		2,20,48-53	2,16
Oranges	45	20	Poultry hatched	_,_0,,0	22
Orchardgrass seed	1,42-44,48-53	1 15 16 20	Principal occupation		
Organization of farm		1,10,10,20	of operator	1,16,48-53	1,10,16
	1,16,48–53	10,16	Production expenses	1,3,10,47,48-53	1,3,16
Other farm production	5,48-53	2 16	Property taxes,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,-,
expensesOther field crops sales,	5,40-55	3,10	expenses	3,10,48-53	3,16
value	2,48-53	2,16			24
Other grains sales, value	2,48-53	2,16	_	45	28
Other livestock and live-	2,40-00	2,10	Pullets	22	14
stock products sales,			Pumpkins	-	27
value	2,47,48-53	2,16			
Other poultry	_,,	22	Q		
Owned land	10,48-53				
Omiou ianu	10, 10		Quail	_	22
P					
Panavas	45	28	R		
Papayas	40				00
Parsley	16 40 52	10.16	Rabbits and their pelts .	41	23
Part owners	16,48–53	10,16	Race of operator	16,48–53	34
Partnership, type of organization	1,16,48-53	10.16	Radishes	7 40 50	27
Passion fruit	1,10,40-33	28	Rangeland	7,48-53	5
Pastureland and grazing	-	کے	Rapeseed		31
land	7,48-53	5	Raspberries	44	29
Pastureland and other	7,40-00	J	Inediop seed	-	26
land irrigated	9	7	Rent paid in cash,	0 40 40 50	0.16
Payroll expenses	1,3,10,47,48-53	3,16	expenses	3,10,48–53	3,16
Peaches	45,48-53	28	Hent received, lains	5,48-53	4
Peanuts for nuts	42-44,48-53	1,15,16,25	related income	5,40-55	-
Pears	45	28		3,10,48–53	3,16
Peas, Austrian winter	-		Residence of operator	16,48-53	10,16
Peas, Chinese or ming.	_	27	Rhubarb	10,40-30	27
Peas, dry edible	44	25	Rice	1,42-44,48-53	1,15,16,24
Peas, green	44,48-53	27	Romaine and lettuce	44	27
Pecans	45,48-53	28,	Rye for grain	42,44	24
Peppers		27	Ryegrass seed	44	26
Persimmons	_	28			20
Petroleum products		0	s		
expenses	3,10,14.48-53	3,16			
Pheasants	' ' -		Safflower	_	24
Pickup balers	13,48–53		Sales of agricultural		
Pigeons or squab	-	22		1,2,10,18,47,48-53	1,2,16
,,			•		



(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
S—Con.			T —Con.		
Salt hay	-	31	Tenure of operator	16,48-53	10,16
Seeds, bulbs, plants, and			Timothy seed	-	26
trees purchased	3,10,48–53	3	Tobacco	1,42-44,48-53	1,15,16,25
Set aside programs,	7,10,48-53	5	Tobacco sales, value	2,47,48-53	2,16
acreage	16,17,48-53	10	Tomatoes		27
Shallots	10,17,40-33	27	Tractors, wheel	13,48–53	8,16 24
Sheep and lambs	10,20,38,39,48-53	1,13,16	Trout sales	_	21
Sheep and lambs shorn	38,48-53		Trucks, including	_	21
Sheep, lambs, and wool			pickups	13,48-53	8,16
sales, value	2,20,38,47,48-53	2,13,16	Turkeys	20,21,24,48-53	14
Size of farm, average	1,48–53	1,16	Turnip greens	_	27
Small grain hay	43,44	26	Turnips	-	27
Snap beans, bush and	44.40.50		Type of farm	18,48–53	16
pole	44,48–53	27 30	Type of organization	1,16,48–53	1,10,16
Sod Sorghum	46 1,42-44,48 - 53	1,15,16,24	v		
Corabum for aroin color		26,31	Value of agricultural		
Sorghum for grain sales, value	2,48-53	2,16	المامة ملادينا	1,2,10,18,47,48–53	1,2,16
Southern peas	2,10 00	2,.0	Value of land and		
(cowpeas), dry	-	25	buildings	1,10,18,48–53	5,16
Southern peas			Value of machinery	1 10 10 10 47 40 50	1016
(cowpeas), green	-	27	and equipment Vegetable and flower	1,10,12,10,47,40-53	1,8,16
Soybeans	1,42-44,48-53	1,15,16,25	spade	46	30
Soybeans sales, value	2,48–53	2,16	Vegetables, greenhouse	46	30
Spanish origin, operators of	16,17,48–53	35	Manager to the land to be a second and the second		
Spelt and emmer	10,17,40-00	24	sale	1,42-44,48-53	1,15,16,27
Spinach	_	27	Vegetables, sweet corn,		
Squash	_	27 27	and melons sales, value	2,47,48-53	2,16
Standard industrial			Vetch seed	-	26
classification of farms.	18,48–53	2,16	l w		
Steers, steer calves, bulls,					
and bull calves	20,25,48-53		Walnuts, English	45,48–53	28
Strawberries	43,44		Watercress	-	27
Sudangrass seed	40 44 40 50	26	Watermelons	44	27
Sugar beets	42-44,48–53 1,42–44,48–53	1,15,16,25	Weeds, chemical control	15,48-53	9
Sunflower seed	1,42,44,48-53	1,15,16,25 1,15,16,24		1,42-44,48-53	1,15,16,24
Sweet corn	44,48-53	1,13,10,24	Wheat sales, value	2,48-53	2,16
Sweet corn for seed	-1,70-00	31	Wheatgrass seed	2,40 00	26
Sweet potatoes	42,44,48-53	25		13,48–53	8,16
_	,,		Wild hay	43,44	26
T			Wild rice	-	24
			Woodland	1,7,48-53	5
Tame dry hay	43,44	16,26	Wool, pounds shorn	38,48–53	13
Tangelos	-	28	Work off-farm by	4 40 40 50	44646
Tangerines	-	28	operator	1,16,48–53	1,10,16
Taro Taxes, property,	-	31	,		
expenses	5,48-53	3	Υ		
Tenant operated farms.	16,48-53		Years on present farm	47,48–53	16
	.5, .5 00			,	

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PUBLICATION PROGRAM

1987 CENSUS OF AGRICULTURE

Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

Publication order forms may be obtained from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233, any U.S. Department of Commerce district office, or by calling (301) 763-1113.

ADVANCE REPORTS (AC87-A-01-000(A) TO 56-000(A)

Advance Reports are published separately for each county (or equivalent) in the United States with 10 farms or more, for each State, and the United States. The reports contain data for all agricultural operations with \$1,000 or more in actual or potential sales of agricultural products in the census year. The Advance Reports contain final data for major data items together with comparable data from the 1982 census. Included in the reports are data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales expenditures, machinery and equipment, livestock, poultry, dairy products sold, and major crops harvested (which vary by State). No advance reports are available for Puerto Rico, Guam, or the U.S. Virgin Islands.

VOLUME 1. GEOGRAPHIC AREA SERIES (AC87-A-1 TO 56)

State and County Data (A-1 to 50) are published showing detailed data in national and State tables for the United States, and in county and State tables separately for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

Summary and State Data (A-51)

- Chapter 1. National level data
- · Chapter 2. State level data

Outlying Areas (A-52 to 56) provide detailed data for the regions and municipios of Puerto Rico; the election districts of Guam; the U.S. Virgin Islands; American Samoa; and Northern Mariana Islands.

VOLUME 2. SUBJECT SERIES (AC87-S-1 TO 6)

Agricultural Atlas of the United States (AC87-S-1), formerly the *Graphic Summary*, presents a profile of the Nation's agriculture in a series of dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

Coverage Evaluation (AC87-S-2) provides national and regional level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

Ranking of States and Counties (AC87-S-3) presents the ranking of the top 20 States and the top 100 counties of importance of selected items from the 1987 census. Comparative data from the 1982 census are included in most tables. Tables also show cumulative totals for States and counties.

History (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

Government Payments and Market Value of Agricultural Products Sold (AC87-S-5) shows detailed data for farms cross-tabulated by combined market value of agricultural products sold and Government payments received, including detailed national data and selected data for each State.

ZIP Code Tabulations of Selected Items From the 1987 Census of Agriculture (AC87-S-6) provides tabulations by five-digit ZIP Code for selected items from the 1987 census. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sale, livestock inventory, cropland harvested, and selected crops.

VOLUME 3. RELATED SURVEYS (AC87-RS-1 AND 2)

The Farm and Ranch Irrigation Survey (AC87-RS-1) provides statistical data collected from a sample of farm operations from the 1987 Census of Agriculture. The publication offers information on acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by its source, and other irrigation practices.

Agricultural Economics and Land Ownership Survey (AC87-RS-2) provides data on indebtedness, expenditures, income and assets for both farm operators and landlords. This report also includes measures of credit used for purchases and expenditures, debt by type of lender, assets, off-farm income, and other land ownership data.

VOLUME 4. CENSUS OF HORTICULTURAL SPECIALTIES (AC87-HOR-1)

This report includes detailed information on the horticultural establishments with production and sales of \$2,000 or more. It provides data on number of establishments, value of sales of horticultural products, type of horticultural products, and kinds of horticultural businesses, for the United States, States, and counties.

ELECTRONIC MEDIA

Flexible Diskette—The Advance Reports of the 1987 Census of Agriculture are available on flexible diskettes. The files can be used with any compatible microcomputer employing the PC-DOS 2.0 or higher operating system. Diskettes can be obtained by calling (301) 763-4100.

Computer Tapes—Public-use computer tapes contain the same summary statistics that are found in the published reports. Two files are available for each State: data for counties and the aggregated State-level data. Order forms may be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Compact Disc-Read Only Memory (CD-ROM)— Data for the conterminous United States and Puerto Rico are available on CD-ROM. The CD-ROM can be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Online Access— National and State level data from the 1987 Census of Agriculture are available on CENDATA through two information vendors— CompuServe and DIALOG. In addition, the advance reports, highlights of the Subject Series, and Related Surveys reports, are available online from AGRIDATA. For information on these services call (301) 763-4100.